



Institute of Accountancy Arusha

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VACANCY ADVERTISEMENT

The Institute of Accountancy Arusha is a parastatal academic institution offering Undergraduate and Postgraduate training programmes. It is established by the Institute of Accountancy Arusha Act No.1 of 1990 and is located at Njiro Hill, seven kilometers Southern-East of Arusha City. The Institute of Accountancy Arusha hereby invites applicants whom are competent and qualified.

Vision Statement

To become an exemplary centre of excellence in modern business management training, research and consultancy services.

Mission Statement

To provide high quality, competence-based training and offer research and consultancy services through applied technology.

WEB APPLICATION DEVELOPER – 1

Brief Description:

We are looking for a Web and Applications Developer to provide technical expertise and resource to support and develop web services and applications within the Institute.

As part of this role he/she will participate in the support of existing services including our Virtual Learning Environment (Moodle), development of application software using appropriate current technologies and programming languages as well as receiving and resolving reported faults with the Institute's application development and Web environment.

She/he will provide technical expertise and resource to participate directly in the planning and delivery of web/application development projects, which may be related to expansion, upgrading or rationalization or associated with developments within the Institute.

Duties and Responsibilities:

- Create new web-based applications based with the rest of the development team;
- Maintain & improve the web application framework;
- Follow best practices when producing clean, secure software
- Fixing defects and resolving feedback from the users with help from the rest of the technical team;
- Write, perform, and document automated unit tests;

- Investigate any defects reported by stakeholders / end users & complete tasks to find the root cause & get the right fixes;
- Understand business requirements to ensure task requirements are met following approved best practices

Requirements:

- Hands on experience developing and maintaining front end web applications with React;
 - Experience with CSS/Sass frameworks such as Bootstrap including theming;
 - Hands on experience developing NodeJS/ExpressJS backends to support the SPA frontend;
 - Writing and implementing of API integrations with backend services;
 - Experience writing automated unit tests with tools such as Jest/React testing library;
 - Demonstrable experience with server-side frameworks such as python, ruby, php, Java, ASP, ASP.NET;
 - Demonstrable experience with database systems such as MySQL, Oracle, PostgreSQL, etc.;
 - A good understanding of design principles and writing clean code;
 - Understanding of CI/CD pipeline environments;
 - An understanding of developing and maintaining enterprise software systems;
 - Work closely with technical team and other end users to develop the best possible solutions;
 - Identify, resolve, and document any application security compliance issues;
 - An understanding of the software product development lifecycle & test processes; and
 - A degree in Computer science / Computer Engineering / Information Technology / Mobile Application Development / Information Systems Development or related field.
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MOBILE APPLICATION DEVELOPER – 1

Brief Description:

We are looking for an Android and iOS developer who possesses a passion for pushing mobile technologies to the limits and will work with our team to design and build the next generation of our mobile applications.

As part of this role he/she will participate in the development of mobile applications using appropriate current technologies and programming languages as well as receiving and resolving reported faults with the Institute's application development and Web environment.

He/she will provide technical expertise and resource to participate directly in the planning and delivery of mobile application development projects, which may be related to expansion, upgrading or rationalization or associated with developments within the Institute.

Duties and Responsibilities:

- Design and build advanced native and hybrid mobile applications;
- Maintain & improve the mobile application framework;
- Ensure best practices are followed when producing clean, secure mobile application
- Fixing defects and resolving feedback from the users with help from the rest of the technical team;
- Write, perform, and document automated unit tests;
- Investigate any defects reported by stakeholders / end users & complete tasks to find the root cause & get the right fixes; and
- Understand business requirements to ensure task requirements are met following approved best practices

Requirements:

- Proven working experience in software development;
 - Working experience in Android and iOS development;
 - Demonstrable portfolio of released applications on the App store or the Android market
 - A deep hands on familiarity with iOS and Android frameworks such as Mobile Angular UI, React Native, jQuery Mobile, Flutter, and Ionic Android Framework
 - Excellent knowledge of different programming languages such as C#, Java, Java EE, Java ME, JavaScript, JSON, Objective-C, .NET and HTML;
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- Demonstrable experience in developing, implementing and managing third party libraries and APIs;
- Working knowledge of the general mobile landscape, architectures, trends, and emerging technologies;
- Solid understanding of the full mobile development life cycle; and
- A degree in Computer science / Computer Engineering / Information Technology / Mobile Application Development or related field.

ICT SECURITY SPECIALIST – 1

Brief Description

We are looking for an ICT Security Specialist who possesses a passion for both foundational and emerging cyber security technologies in a growing and dynamic environment.

As part of this role, he/she will be providing expert strategic, tactical and operational advice, technical support, delivering specialist security products, and contributing to security standards and procedures for all ICT services and products offered to various Institute stakeholders.

He/she will participate directly in the planning, delivery, and monitoring of security solutions to ensure confidentiality, integrity, as well as availability of various ICT resources.

Duties and Responsibilities:

- IT security systems administration - Act as system administrator for a variety of security-related systems, including but not limited to: intrusion detection and prevention devices, connection loggers, vulnerability scanners, and network monitoring devices. Create scripts to codify and automate common practices. Create and maintain appropriate documentation;
 - Security monitoring and audit - Analyze information produced by a wide variety of systems for the purpose of identifying, diagnosing, and mitigating existing or potential threats to the Institute network and computing environment. Create reports for management, departmental IT staff reflecting ICT security trends and status. Recommend remedial or preventive measures suggested by the data. Work with others to implement these suggestions and to measure their success over time;
 - Work with representatives from other units, management, and Institute staff to improve the security of the Institute network and computing environment;
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- Assist in the development of a set of best practices, and work with others to implement them throughout the organization;
- Prepare and distribute important information, including reports, security alerts, or advisories, to the audience most appropriate for each; and
- Collect feedback from Institute's IT staff and end users about the effectiveness of ICT security measures, and share this feedback with teammates and management.

Requirements:

- 3+ years of experience as a security specialist in cyber security response, operations, projects or design, in an enterprise-level organization;
 - Strong analytical skills;
 - Strong knowledge of Intrusion Detection/Prevention Systems and monitoring tools support and administration;
 - Working knowledge of at least one high-level scripting/programming language, and skill in the design, writing, testing and debugging of computer programs or (PERL, PHP, Python , Java, C/C++);
 - Proven Unix system administration skills in the Linux and Windows environments;
 - Practical experience in planning, leading and proactively delivering security aspects of projects, including detailed security designs and the configuration, development, testing and deployment of security-related technologies;
 - Proven skills managing TCP/IP-based networking, Network Admission Control systems, and using common network troubleshooting tools and techniques;
 - Practical knowledge and understanding of wireless networking;
 - Strong planning, organization and time management skills with the ability to handle multiple projects without direct supervision; and
 - Excellent English language skills, both verbal and written, to effectively communicate on highly technical topics with a wide range of people, including delivering successful presentations to varied groups (technical, non-technical, etc.);
 - Commonly recognized security-related certification: CISSP, SSCP, GSE-GIAC, CCSA, CCSE, etc. will be an added advantage;
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- Bachelor's Degree in Information Systems / Computer Science / Information Technology / Computer Engineering or in related field

General Conditions to Interested Applicants:

- i. All applicants must be citizens of Tanzania
- ii. Applicants must attach up-to-date Curriculum Vitae (CV) bearing reliable contacts, postal address, e-mail address and accessible, reliable mobile phone numbers and three reputable referees
- iii. All applications must be attached with relevant copies of academic certificates & transcripts
 - Form IV & VI certificates (if applicable),
 - Birth certificate
- iv. Form IV result slips, partial testimonials or partial result slips are strictly not accepted
- v. Certificates from foreign examination bodies and universities should have been authenticated by The National Examination Council of Tanzania (NECTA) and TCU
- vi. All attachment should be in one PDF document.**
- vii. Applicants with special needs/cases or disability are encouraged to apply and are supposed to indicate so in their application letters
- viii. Women are highly encouraged to apply
- ix. Only shortlisted applicants will be informed on the date for interview
- x. Application letters should be in English.
- xi. Application letters and documents should be sent through Email at IAA Main Campus at Njiro- Arusha
- xii. Deadline for applications is **14th April, 2022 at 04:00 pm**

All applications should be directed to:

**RECTOR
INSTITUTE OF ACCOUNTANCY ARUSHA
P. O. BOX 2798
ARUSHA.**

Through email: recruitment@iaa.ac.tz

For More Inquiries Contact:

+255 272970232.
