



Graduation Internship Topics

ENSI

14-11-2011

Predictix – where demand meets decision

Topic: “Leveraging the cloud for the next generation software application deployments” – Ops and Sup Department

The Candidate will experience with various cloud vendors, most notably Amazon Web Services, and gain a good understanding of cloud computing technologies, API and the cloud service model as compared to a traditional managed hosting service model. The candidate will learn how to design, code and deploy on the cloud in a Software-as-a-Service delivery model. The candidate is expected to possess good software development and deployment skills on the Linux operating system and be comfortable working in a distributed work environment

Predictix Operation and Support Department

Technology / practice applied:

AWS, EC2/S3 API, SaaS, Linux, Java, Declarative programming, Nix, Puppet, Chef

Coaches:

- TN Coach: Aymen Belkhiria, Systems Engineer
- US Coach: Nabil B. Saidane, Director of Operations

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Predictix – where demand meets decision

Topic: “From Boeing to Amazon to Predictix Tunisia, Principles of Lean Operations” – Ops and Sup Department

The candidate is expected to build knowledge in the area of lean software development and deployment through exposure and experience with concepts such as Six-Sigma and Kaizen applied to software development and deployment. The candidate will participate in building highly configurable software in a high pace deployment environment, with focus on software quality and feature-set predictability. Lean operations or Agile operations enable SaaS vendors to ensure shorter deployment cycles in order to address customer feature or bug fixes. The candidate is expected to be familiar with industry standard packaging solution and configuration management tools as well as automated testing and software development on the Linux environment

Predictix Operation and Support Department

Technology / practice applied:

AWS, EC2/S3 API. Lean principles, Java, Linux, Declarative programming

Coaches:

- TN Coach: Aymen Belkhiria, Systems Engineer
- US Coach: Nabil B. Saidane, Director of Operations

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Predictix – where demand meets decision

Topic: “Building a Demo for training” – Application Development Department

Build and document a demo web application on LB's Logic Blox technology to be used as Predictix's main training exercise

Inter will be trained on different web technologies, scripting and Predictix's propriatry web development frameworks such as UI Blox and Blade. They will learn project development's best practices, coordinating within a team, documenting designs, using source control and bug tracking tools, and working with a technical lead and a business lead. The candidate is expected to have good development and communication skills, mainly in English.

Application Development Department

Technology / practice applied:

Scripting , datalog, UIBlox, CSS

Coaches:

- TN Coach: Walid Mnif, Senior Application Consultant
- US Coach: Anuj Sheh, Senior Application Consultant

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Topic: “Building an automated Smoke Testing application – UI Blox” – Application Development Department

An Automated Smoke testing application which will automatically generate a custom smoke test for a given UI Blox web application

Inter will be trained on different web technologies, scripting and Predictix's propriatry web development frameworks such as UI Blox and Blade. They will learn project development's best practices, coordinating within a team, documenting designs, using source control and bug tracking tools, and working with a technical lead and a business lead. The candidate is expected to have good development and communication skills, mainly in English

Application Development Department

Technology / practice applied:

UIBlox, Datalog, scripting, python, UI Blox AT

Coaches:

- TN Coach: Zied Zekri, Quality Analyst – Test Lead
- US Coach: Anuj Sheh, Senior Application Consultant

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Predictix – where demand meets decision

Topic: “Building an automated Smoke Testing application - Blade” – Application Development Department

An Automated Smoke testing application which will automatically generate a custom smoke test for a given Blade web application

Inter will be trained on different web technologies, scripting and Predictix's propriatry web development frameworks such as UI Blox and Blade. They will learn project development's best practices, coordinating within a team, documenting designs, using source control and bug tracking tools, and working with a technical lead and a business lead. The candidate is expected to have good development and communication skills, mainly in English

Application Development Department

Technology / practice applied:

Blade, Blade AT, python, scripting

Coaches:

- TN Coach: Zied Zekri, Quality Analyst – Test Lead
- US Coach: Anuj Sheh, Senior Application Consultant

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Predictix – where demand meets decision

Topic: “Build Predictix's next Assortment Planning web application Demo” – Application Development Department

Build Predictix's next Assortment Planning web application Demo

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Application Development Department

Technology / practice applied:

UIBlox, Datalog, CSS

Coaches:

- TN Coach: Mahmoud Abid, Application Developer
- US Coach: Max Bruni, Senior Business Consultant

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Topic: “Build a Python Utility” – Application Development Department

Build a python utility which can translate tests described in csv files into automated tests on the bloxunit test suite

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Application Development Department

Technology / practice applied:

Python

Coaches:

- TN Coach: Marouen Marzouki, Application Developer
- US Coach: Greg Hunt, Senior Application Developer

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Topic: “Build a Python Compiler” – Application Development Department

Write a compiler or adapt an existing python compiler to enable Predictix to convert SaSS/COMPASS to CSS

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Application Development Department

Technology / practice applied:

Python, CSS

Coaches:

- TN Coach: Marouen Marzouki, Application Developer
- US Coach: Greg Hunt, Senior Application Developer

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Topic: “Upgrade the behavior of clustering application to latest version of LB” – Application Development Department

Upgrade the behavioral clustering application to latest version of LB and port to the PDX-Platform. Develop technical design plans for missing features.

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Application Development Department

Technology / practice applied:

UIBlox, CSS, datalog, python

Coaches:

- TN Coach: Marouen Marzouki, Application Developer
- US Coach: Greg Hunt, Senior Application Developer

For further information, Contact careers-tunisia@predictix.com // Website: predictix.com