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# SOURAJYOTI BOSE

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## OBJECTIVE

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An entry-level opportunity with an established firm that needs software, security or devops engineer.

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## WORK EXPERIENCE

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### Summer Intern

06/2019 - 08/2019

Consortium Networks, New York City, New York US

- Programmed a storage system to work with OneLogin Identity and Access Management systems.
- Successfully delivered a Spring OIDC and SAML systems integration.
- Assisted in the development of the Angular front-end of the application.
- Setup infrastructure using Terraform

### Staff Consultant

12/2017 - 07/2018

Oracle Financial Services Software, Mumbai, Maharashtra India

- Programmed the automation framework to build Web Service SOAP requests from Excel sheets. Used native JDK SOAP protocols to build an entire request and response mechanism.
- Designed and oversaw the upgrading of the OBP Automation website to support a distributed
- Introduced Cucumber, Gherkin to build excel scripts that were provided as input to the automation framework. This helped business analysts to build scripts without knowing the technical jargon. This supported multiple functional requirements across Loans, Saving and Deposits teams.
- Installed and managed Jenkins 2 to use Blue Ocean to create declarative pipelines using Groovy that can be stored in SVN. Managed Jenkins server setups, build flows using Continuous Integration.
- Implemented the first Oracle Banking Platform Internal Automation portal that is used in KeyBank, NAB and other banks using OBP.
- Trained a team of 100 on how to use the framework.
- Supervised and mentored a team of 4 to help with any Automation related help and to take over when I left.
- Programmed the entire OBP Automation Stack using Rest APIs.

### Associate Consultant

08/2015 - 11/2017

Oracle Financial Services Software, Mumbai, Maharashtra India

- Programmed for Key Bank to implement Oracle Banking Platform ( OBP) and its entitlement functionality.
- Worked as a part of the OBP Product Automation team to create a new framework using Selenium to improve on TestNG and help parallel executions. Programmed the framework in Java 8. Used Ant as a build tool. Later migrated to Maven.
- Programmed the framework to reduce the execution time of the major flows by 600% (from almost 16 minutes to 2 minutes). Helped execute test suites within a matter of minutes.
- Designed and programmed a fledgling Automation reporting system using AngularJS. Collected reports of at least a 100 test cases per second and then display it. It was a custom live reporting system.
- Expert in setting up a full stack web development application within days.

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## EDUCATION

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**New York University** New York City, New York US

2018 - Present

Information Assurance and Cyber Security in Cybersecurity, GPA: 3.333

- Interned at Consortium Networks for the summer of 2019.
- Pursuing a CEHv10 certification currently.
- Teaching Assistant for Applied Cryptography for Spring 2018 under Giovanni Di Cresenzo.
- Participated in the National Cyber League in the Gold Bracket for Fall 2019.

- Completed courses in Computer Networks, Network Security, Applied Cryptography, Internet Security and Policies, Application Security, Pentesting and Cybermetrics.
- Currently pursuing CEH 10 certifications

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## SKILLS

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- 4 years of experience in secure Java programming
- 2 years of experience in AngularJS, Angular
- 2 years of experience in Spring Boot.
- 3 years of experience working with MongoDB and OracleDB
- Proficient in Application Security and Network Security
- I have developed all my projects following the Agile Procedure.