

Amit Kumar Sinha

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SUMMARY

Solutions-oriented Computer Science Master's student with 4 years of professional work experience across all software development phases. Adept at identifying and solving compound computer systems and software issues. Passionate about building scalable services and elevating the customer experience through pensive and innovative work processes.

EDUCATION

M.S. Computer Science

Arizona State University, Tempe, AZ

Expected Dec 2022

3.78/4 GPA

B.E. Electronics and Communication Engineering

Birla Institute of Technology, Ranchi, JH, India.

8.03/10 GPA

TECHNICAL SKILLS

Programming Languages: C, C++, Java, JavaScript, Python, R

Technologies: HTML, CSS, Angular JS, Bootstrap, React JS, Spring Boot, Jersey, JAX-RS, Node.js

Automation Testing: JUnit, JMockit, Selenium, Mockito, PowerMock

Cloud: Amazon Web Services (AWS)

Skills, Tools, Databases, and OS: Object-Oriented Programming (OOP), Oracle JET (JavaScript Extension Toolkit), Docker, PostgreSQL, MySQL, GIT, JIRA Agile, Windows, macOS, Linux.

PROFESSIONAL EXPERIENCE

Oracle India Private Limited Bengaluru, India

Dec 2019 - Dec 2020

Senior Application Developer

- Designed **REST APIs** with **RFC specifications** for Oracle Script Composer, a single-page web application for writing scripts based on CRM business objects (Appointment, Call Report, Opportunity, Leads), regions, advanced criteria. The application was a deal-breaker in helping Oracle seal a billion-dollar deal with the leading **Japanese Tobacco company JTI**.
- Developed **Bash Scripts** and UI application to automate the backend code-commit process in ADE (version control system), which **reduced the timing** of the entire procedure by **6 folds**.

Oracle India Private Limited Bengaluru, India

July 2016 – Nov 2019

Application Developer

- Built **UI** of Oracle Application Composer, with the ability to customize business objects of the Oracle CX Mobile Application, catering to a pool of **1000 customers**.
- Devised **GIT pre-commit and post-commit bash scripts** to support critical tasks such as the addition of strings across **72 language** bundles, omission of changes to service files to reduce development error.
- Took ownership of the customer support portal and resolved a total of **367 critical service request tickets**, closing **74%** of issues on the reporting day itself.
- Authored automation unit tests using **JUnit, PowerMocket, and Mockito** resulting in **98% code coverage**.

Awarded **Numero Uno and Extra Mile** Award amongst a pool of **800 employees** for two consecutive years at Oracle India Pvt. Ltd. for contribution to critical tasks. (API ownership, customer service)

RELEVANT PROJECTS

Image Recognition as a Service (IaaS) Class Project

Spring 2022

- Developed a cloud app which will perform Image Recognition as a Service to users by using AWS cloud resources to perform deep learning on images provided by the user.
- Used **Spring Boot** and AWS Services like **S3, SQS and EC2** to create app tier and web tier capable scaling in and out based on the traffic. Scored **100% marks** with one of the least running times in class.

Full Stack Banking Application Class Project

Spring 2021

- Implemented various APIs for customer info, employee info, permissions, and banking transactions.
- Built UI for login and registration, system logs, and customer dashboard using **React.js, HTML, CSS, and Bootstrap** and deployed the application on **AWS**.

Personality Classification Using Social Media Class Project

Spring 2021

- Built a linear and logical regression model for predicting a user's personality based on personality traits, age, gender, political views, and pages liked using data from over **150 thousand users**.
- Predicted accuracy of dichotomous variables like Gender with 94% accuracy and multichotomous variable like Age, Openness with 60% accuracy. Used techniques such as **LDA (Latent Dirichlet Allocation), SVD**.