SUMEDH SALVI

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EXPERIENCE

Software Engineer & Analyst, Principal Global Services, Pune, India   *Jul 2018 - Apr 2020*
- Added new features and business rules to government reporting applications (Form 5500 Internal And Client Facing System) which helped serve around 60k plans.
- Improved operational efficiency and user experience by fixing critical bugs and system defects using manual and automated test cases.
- Developed and analyzed the design for the Principal Chatbot application that was used by plan participants.

Intern Software Developer, Global Super Elite, Pune, India   *May 2017 - Jul 2017*
- Developed a web based application (Smart B2B) with support for email , appointment scheduling and an interface for calling and sending SMS for efficient communication between businesses.
- Applied sentiment analysis using machine learning model over client's comments to generate rating for a company.

Trainee Researcher, CDAC (Center For Development of Advanced Computing)   *May 2016 - Oct 2016*
- Improved efficiency of algorithms using concepts of pragma OMP parallel programming & core selection.
- Reduced the time required to calculate the permutations for a given input by around 70%. Published all the research and findings in IEEE I2CT conference 2019 (DOI: 10.1109/I2CT45611.2019.9033835)

PROJECTS

Smart Idea Submission Portal
- Created a web based, idea submission portal where PGS users/clients could submit their ideas and get their idea up-voted, commented to speed up the process of getting it implemented as an actual feature using Java spring rest.
- Created an admin portal where all analysis in the form of graphs and figures(most popular, trending, top rated) were provided to ease up the process for the admin.

Potential Tester, a system application created using Java, MySQL
- Developed java based platform with frontend in javaFX that emulated the environment of placement coding rounds for students to practise coding.
- Students could write codes in several languages: C, C++,Java and Python.
- Developed a panel for the admin that allowed to track completed and pending assignments.

Customer Loyalty Marketplace Application
- Created a marketplace application which tracked the loyalty programs for all the companies that subscribed to the marketplace.
- Implemented various features of the marketplace such as Tiers, Reward system, Redeem system and wallet.

Discord ClassRoom bot
- Created a discord bot that automated the task of group making for projects, homeworks, deadline reminders and poll/voting.
- Handled an actual class strength of around 200 students. (https://github.com/War-Keeper/ClassMateBot)

EDUCATION

MS, **Computer Science**   *Aug 2021 - May 2023*
North Carolina State University   GPA: 4
Bachelor of Engineering, **Computer Engineering**   *Jul 2014 - Jul 2018*
Vishwakarma Institute Of Information Technology   Percentage: 72

SKILLS

Languages: C, C++, Java, JavaFX, Python, Javascript, PHP
Framework: Spring Framework, Angular, React
Database: SQL, MongoDB
Issue tracking & deployment: Jenkins, JIRA, Bitbucket, Sonarcube
AWS: AWS Lambda, DynamoDB, Amazon Lex

AWARDS AND ACHIEVEMENTS

- Received 'Client Comforter' award for fixing a critical bug and pushing it to Production in a single day in 2019.
- Received 'Best Class Representative' Award in the Final Year - 2018
- Persident of the 'Association of Computer Engineers (ACE)' committee.