Zoheb Mamoo

Software Engineer

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SUMMARY

Crafting robust software solutions that have a meaningful impact. Beyond coding, I am driven by the fusion of technology and art, where I leverage my technical skills to express creativity.

EXPERIENCE

Software Development Engineer (R&D)
Cytel

Jun '22 — Present

- Implemented new statistical models for our C++ Engine and contributed to feature development, including East Desktop, Cytel Innovation Center, and Solara. Collaborated with stakeholders for introducing stepdown for MAMS-GS Simulation, experimental graph features and UI development
- Worked as a single developer with a team of statisticians to implement new clinical trial designs and tests based on Single arm Survival studies. Ensured a code coverage of 90%, leaving no technical debts or memory leaks, showcasing a commitment to clean, efficient, and maintainable code.
- Migrated a legacy product written in C++, C#, and XML to use React, C++, and Json, and Azure cloud, ensuring a seamless transition and improved functionality.
- Utilized Jira, Confluence, and Bitbucket for project management, documentation, and version control, demonstrating proficiency in modern development tools and methodologies.

Software Engineer Virtual Intern
JPMorgan Chase & Co.

May '21 — Jun '21

- Created a UI with a stock price data feed. Used J.P. Morgan Chase frameworks and tools to display data visually for traders. Explored D3.js and numpy

UI UX and Interaction Design Intern
AufaitUX

Jun '19 — Sep '19
Kozhikode, India

- Created interactions for riddlebook.com using AE,figma and PS. Got involved in design huddles for client projects

SKILLS

Top Skills   C++, React, Jest (JavaScript Testing Framework), HTML, CSS, Javascript, Web Application Design, API, Research and Development (R&D), Data Structures, Azure, JSON, Data Visualization, Gtest

CERTIFICATIONS

Google IT Support Professional Certificate
Google

Feb '22

Security Analyst (SSC/Q0901) GOLD
NASSCOM

Nov '21

Building Cloud Native and Multicloud Applications
cognitiveclass.ai Powered by IBM Developer Skills Network.

Feb '22

PUBLICATIONS

Machine Translation using Dictionary based Techniques
IEEE

Apr '23

Co-authored this research paper which combines NLP and Rule Based Machine transalation techniques to achieve better translation for dravidian languages.

EDUCATION

B.Tech, Electronics and Computer Engineering in , Vellore Institute of Technology (GPA: 8.05)

2018 — Jun '22
Chennai, India

VOLUNTEERING

Vice Captain, Dreadnaught Robotics

Chennai, India
Jan '22

Creative Head, IEEE Computer Society VIT Chennai

Chennai, India
Mar '21

Teaching Assistant, VITeach - A student-run social outreach club

Melakkottaiyur, Chennai, India
Dec '19