Amar Nagargoje

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EDUCATION

Master of Science in Computer Software Engineering, GPA: 3.7 Sept 2023 – May 2025
Northeastern University – Boston, MA

Bachelor of Science in Computer Science and Engineering Aug 2017 – Aug 2021
MIT Art Design and Technology University – Pune, India

SKILLS

Programming Languages: Java, Swift, JavaScript, TypeScript, jQuery, Dart, JSP's, HTML, CSS, MySQL, R, GraphQL, JSON, RESTAPI's, Python, Linux Shell Scripting

Libraries and Frameworks: ReactJs, NodeJs, MongoDB, Angular, Express, TailwindCSS, Hibernate, Spring Boot, React Native, Redux, Firebase, Swift UI and Flutter (Web, Android and iOS)

Tools and Architectures: Git, Jira, Postman, MongodB Atlas, MySQL Developer Workbench, R Studio, Amplitude, Firebase, Linux, Web Services (GCP), IAM (Jobs, Pipelines), Pipelines, Model-View-Controller, Agile Methodologies

WORK EXPERIENCE

Software Engineer – Coforge, Delhi, India June 2021 – Aug 2023

– Lead a group of 3, implemented scalable production code for car parks project led by Singapore govt, resulting in a 40% increase in efficiency and sign-off time

– Built technical solutions in collaboration with creative directors and reviewed code with to meet business requirements, resulting in a 40% improvement in project delivery time

– Spearheaded cross-regional collaboration with teams in India and Singapore to lead project-wide efforts in writing technical documentation for new features, resulting in an 80% reduction in customer support issues and a 25% increase in product utilization

– Developed and debugged backend and frontend at a production level, collaborating with managers to ensure the robustness of applications and streamline processes. Acquired a strong understanding of software fundamentals, encompassing software design, specifications, CI/CD, code modularity, and maintainability

Software Engineer Intern – Ombre, Bengaluru, India Sept 2020 – Mar 2021

– Built frontend, backend, and cloud deployments for mobile apps, resulting in a 20% improvement in application performance

– Transformed notification systems minimizing frontend computation which effectuated a remarkable 20x upswing in application downloads over 4 months

PROJECTS

Last Minute Ticket Reservation System [Sponsor - Indian Railways]

– Designed and implemented an online railway ticketing system for the Indian Government during the COVID-19 crisis for commuters.

– Handled enormous amounts of sensitive data, applying algorithms, regulating OTP systems, validation, and security measures, resulting in a 25% increase in customer trust, and providing reliable service to the commuters on the go.

MoneyBall : A Decision Making Process For Team's Success in Baseball

– Built an algorithm to predict matches results of baseball for home win or away win and to determine what are the significant variables to win matches.

– Used data driven decision making process for evaluation of players/teams on previous experiences/perfomance

Work Wise - A Free Project Management Tool

– Implemented production level MERN app, allowing users to perform CRUD on projects, users, workitems, drag and drop items in kanban board. Implemented sections, includes all REST API's: login, projects, and kanban board

LEADERSHIP

Led a dynamic team in various hackathons, successfully developed innovative projects in machine learning, Python, and the MERN stack. Demonstrated strong leadership and technical expertise in project ideation, planning, and execution.