AJINKYA BHAMRE

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EDUCATION

MS in Software Engineering | Stevens Institute Of Technology | Hoboken, NJ | CGPA : 3.88/4.0   Expected May 2025
Courses: Agile methods for software development, Introduction to cloud computing, DBMS, Web programming - I , II.

Bachelor of Technology, Information Technology | NMIMS University | India   August 2016 - August 2020
Courses: Data Structures and Algorithms, OOP, Mobile application development, Unix programming.

SKILLS

Core Competencies : Full stack development, Software Testing, SCRUM, Kanban, CI/CD Pipelines, API Development.
Programming languages : Java, JavaScript, C #, Python, SQL.
Web frameworks & libraries: React.js, Node.js, Express.js, .NET, RESTful and GraphQL APIs.
Databases: MSSQL Server, PostgreSQL, MongoDB, Redis.
Cloud Services (AWS): EC2, S3, ECR, ECS, Fargate, CloudPipeline, Cloud9, API Gateway, Lambda, IAM, DynamoDB.
DevOps and CI/CD: Docker, Kubernetes, Jenkins, CircleCI.
Tools and Miscellaneous: Git, JIRA, Selenium, Microservices Architecture.

WORK EXPERIENCE

Software Engineer | Propix Technologies | Pune, India   September 2021 - July 2023
- Improved project outcomes by leading requirement gathering and analysis to identify client needs.
- Enhanced performance and reliability by developing and optimizing Track&Trace web applications using .NET stack.
- Improved user experience by integrating new functionalities, resolving bugs, and enhancing frontend and backend development through team collaboration.
- Ensured optimal performance through data manipulation and rigorous client and server-side testing.
- Enhanced product quality and user experience by addressing UI bugs, creating forms, and implementing robust UI validations.

Software Engineer Trainee | Propix Technologies | Pune, India   August 2020 - August 2021
- Enhanced application stability by integrating new functionalities and resolving bugs.
- Ensured high-quality delivery through comprehensive (web application and database) testing.
- Enhanced UI reliability and user satisfaction through bug fixes, form creation, and robust validations with rigorous pre-deployment testing.
- Gained proficiency in ASP.NET MVC 5, MSSQL Server 2017, C#, and TFS through hands-on project experience.

ACADEMIC PROJECTS

Job Application Tracker 🔗 ▶ | (*JavaScript, Bootstrap, Cloudinary, jQuery, Node.js, API, MongoDB, Leaflet, Git*)
- Developed a job application management web app with secure document uploads and robust user authentication as part of a team of four.
- Increased tracking efficiency by **40%** through data visualization on the Stats page using bar, line, and pie charts.
- Improved research capabilities by developing a company research page featuring top Fortune companies info.
- Boosted user engagement by **30%** with an interactive map pinpointing global job application locations using Leaflet.js.
- Enhanced user experience and security by creating a Profile page for listing user info and enabling updates to profiles and application statuses (Screening, Interviewing, Hired, Rejected, Saved).

Presurgical Epilepsy Evaluation Platform 🔗 ▶ | (*React.js, Tailwind, MongoDB, Node.js, MNE-Python, AWS*)
- Improved surgical outcomes by developing a web app to aid doctors in identifying seizure-causing brain regions with a team of five.
- Ensured secure and functional data management by establishing a cloud-based database, developing UI components, and designing APIs with automated testing.
- Enhanced data visualization and role management by improving the patient data page, developing APIs, and implementing a source localization algorithm with automated testing.
- Achieved accurate neuroimaging visualization by integrating a neuroimaging library, designing a 360° interface, and conducting rigorous testing.
- Ensured successful deployment by conducting integration testing, incorporating user feedback, and using a robust configuration.
- Received the "**Stellar Project Achievement Award**" for outstanding performance in the CS/SSW 555 Software Agile course project, Spring 2024.