

# Ajinkya Bhamre

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Full Stack Software Engineer with 3+ years of experience building high-performance, microservices-based web applications in React, Node.js, and AWS. Adept in CI/CD pipelines, Cloud architecture, and Agile methodologies, seeking to deliver scalable solutions.

## SKILLS

**Programming Languages:** Java, JavaScript (ES6+), TypeScript, Python, C#

**Frontend:** React.js, Next.js, Redux, Tailwind, HTML5, CSS3, Handlebars, jQuery

**Backend:** Node.js, RESTful APIs, GraphQL, ASP.NET MVC

**Databases:** MongoDB, PostgreSQL, MSSQL

**Cloud & DevOps:** AWS (EC2, S3, Lambda, DynamoDB, API Gateway, IAM, Blue-Green CI/CD), Docker, Kubernetes

**Tools & Methodologies:** Git, JIRA, Selenium, TDD, Agile/Scrum

## WORK EXPERIENCE

**Learning Technology Assistant – Stevens Institute of Technology – Hoboken, NJ**

*Aug 2024 – Present*

- Resolved 150+ technical support tickets per month, troubleshooting hardware/software issues and improving system uptime to 99.99% across the campus (classrooms and conference rooms).
- Developed knowledge base articles and led faculty training sessions, boosting technology adoption and reducing recurring IT issues by 25%, minimizing disruptions.

**Software Engineer – Propix Technologies – Pune, India**

*Aug 2020 – July 2023*

- Collaborated with cross-functional teams to design Track & Trace solutions using the .NET stack and MSSQL, implementing stored procedures and SQL queries that improved data processing efficiency by 30% for manufacturing and pharma clients.
- Built internal tools utilizing the MERN stack, effectively automating key business processes and reducing manual effort by 40% across the organization.
- Boosted overall project outcomes and client satisfaction by leading comprehensive requirement gathering and analysis, identifying critical client needs, and consistently enhancing project delivery success rates.
- Performed thorough testing on both client and server sides before deployment, ensuring high-quality releases and improving overall application stability and reliability in regulated environments.
- Implemented frontend enhancements using jQuery and React.js across multiple projects, significantly improving user experience and reducing UI-related issues by 30%, resulting in increased customer satisfaction and lower support overhead.
- Enhanced product quality by resolving persistent UI bugs, creating dynamic forms, and integrating robust validations with jQuery reducing error rates by 25% and elevating user satisfaction.
- Streamlined cross-team collaboration by integrating new functionalities and promptly resolving bugs in both frontend and backend systems, reducing support ticket volume by 20% and accelerating feature rollouts.

## PROJECTS

**Pre-Surgical Epilepsy Evaluation Platform** [\[GitHub\]](#)

- Awarded the "Stellar Project Achievement Award" for exceptional performance in the software agile course.
- Built a full-stack web app aiding doctors in identifying seizure-causing brain regions, improving surgical outcomes.
- Developed a secure cloud-based database, authentication system, and APIs for managing EEG/MEG data.
- Integrated a neuro-imaging library for 3D brain visualization, enabling interactive 360 exploration with zoom.
- Implemented a source localization algorithm for precise analysis of seizure focus areas, enhancing diagnostic accuracy.

**Research Collaboration Platform** [\[GitHub\]](#)

- Developed a LinkedIn-style platform enabling professors and students to connect, collaborate on research projects, and engage via real-time chat, user directories, and secure authentication.
- Integrated Web-Sockets for real-time updates, enabling instant messaging, notifications, and dynamic content synchronization.

**Job Application Tracker** [\[GitHub\]](#)

- Built a job management web app with secure document uploads, authentication, data-driven tracking dashboards, and an interactive map for global application insights.
- Implemented data visualization with charts and graphs, enhancing job tracking efficiency by 40% and providing analytical insights.

## EDUCATION

**Stevens Institute of Technology**

*Hoboken, NJ*

*Master of Science in Software Engineering*

*Expected May 2025*

Coursework: Web Programming, DBMS, Introduction to Cloud Computing, Agile Methods for Software Development.

**Narsee Monjee Institute of Management Studies**

*Shirpur, MH*

*Bachelor Of Science in Information Technology*

*August 2020*

Coursework: Data structures and Algorithms, Operating Systems, Computer Networks.