Ajinkya Bhamre

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SUMMARY

Full-stack Software Engineer (3+ years) experienced in developing scalable web/mobile apps and cloud services. Expertise in React, Node.js, SQL/NoSQL, REST APIs, and AWS, delivering secure, high-availability systems. | Open to Relocation | Available Immediately

EXPERIENCE

Software Engineer Intern – Uplifty AI – New York, NY   Aug 2025 – Present
- Built cross-platform UI components with **React Native** and **TypeScript**, improving load time and feature usability by 25%.
- Automated mobile releases through **GitHub Actions**, cutting deployment effort **40%** and improving release reliability.
- Added challenge filters (Generic, Skill-based, Trending, College) to personalize content and increase user engagement.
- Designed a multi-channel reminder system (in-app, email, SMS) to re-engage users and raise participation by **20%.**
- Applied GenAI coding assistance tools (Copilot, Cursor) in day-to-day workflows, improving prototype speed and code quality.

Graduate IT Assistant – Stevens Institute of Technology – Hoboken, NJ   Aug 2024 – May 2025
- Developed a **ReactJS** web tool to visualize classroom schedules with dynamic filters, streamlining data access for **50+** IT staff.
- Wrote clear documentation and led faculty training, boosting technology adoption and reducing repeat tickets **25%.**
- Resolved **150+** support requests each month through **Freshservice**, maintaining 99.99% system uptime across campus rooms.

Software Engineer – Propix Technologies – Pune, India   Aug 2020 – July 2023
- Delivered Track & Trace web apps with **ASP.NET MVC 5, C#,** and **MSSQL**, improving data-processing speed **30%** for clients.
- Optimized backend logic with stored procedures and **SQL** queries, reducing execution time 25% and boosting reliability.
- Automated internal workflows using the **MERN** stack (**MongoDB, Express, React, Node.js**), cutting manual effort **40%.**
- Partnered with design & QA teams to align solutions with client goals, ensuring high-quality, on-time deliveries.
- Improved UI responsiveness with **ReactJS**, lowering bug volume **30%** and enhancing user satisfaction.
- Added data-validation logic with **JavaScript** and **jQuery**, decreasing entry errors **25%** and increasing accuracy.
- Supported deployment pipelines using **Docker** and **TFS**, improving release stability and reducing post-launch fixes.

PROJECTS

Pre-Surgical Epilepsy Evaluation Platform: [Link] Developed a full-stack healthcare app using **React.js**, **Node.js**, **MongoDB**, and **AWS**, enabling doctors to identify seizure-causing brain regions. Established secure data access, 3D neuro-imaging visualization with zoom/timeline controls, and EEG/MEG data analysis using **MNE-Python**, enhancing diagnostic accuracy and surgical outcomes.

Cloud Migration & Microservices Implementation : [Link] Transformed a monolithic Node.js application into microservices architecture on AWS using Docker and ECS. Deployed automated CI/CD pipelines with **CodeCommit**, **CodeDeploy**, and **CodePipeline** for blue/green deployments.

Research Collaboration Platform: [Link] Constructed a LinkedIn-style platform for academic collaboration using the **MERN stack, GraphQL, WebSockets**, and **Tailwind CSS**. Enabled real-time chat, notifications, and dynamic user directories with **Redis** for caching and **Clerk Authentication** for secure login.

Job Application Tracker: [Link] Designed & launched a Simplify-style job applications management tool with **Node.js**, **MongoDB**, **Leaflet.js**, and **Cloudinary**, allowing users to track applications via interactive maps, real-time analytics dashboards, and secure profile management. Improved application tracking efficiency by **40%** and boosted engagement with geographic visualization.

TECHNICAL SKILLS

Languages: JavaScript (ES6/ES7), TypeScript, Go, Python, C/C++, Java, PHP, HTML, CSS, Bash.
Technologies: React Native, React.js, Angular Next.js, Node.js, Express, Spring Boot, GraphQL, Redis, Tailwind, MongoDB, jQuery, ASP.NET MVC, GRPC, Flask, FastAPI, PostgreSQL, AWS, GCP, Azure, Docker, Kubernetes, Terraform, Git, Jira, Jenkins, Linux.
AI Tools: GitHub Copilot, Cursor, Claude Code, Prompt engineering basics
Skills: Problem solving, technical writing, code reviewing, debugging, troubleshooting, version control, TDD, Agile/Scrum.

EDUCATION

Master Of Science in Software Engineering, Stevens Institute of Technology   May 2025
Relevant Coursework: Web Programming – I & II, DBMS, Agile Methods for Software Development.   **GPA: 3.9/4.0**
Achievements: Awarded the Stellar Project Achievement Award for exceptional performance in the software agile course.
Bachelor Of Science in Information Technology, Narsee Monjee Institute of Management Studies   Aug 2020