

# Smit Bhamwala

Senior Software Engineer | Full Stack Web Developer

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## SKILLS

**Programming Languages:** TypeScript, JavaScript, SQL, NoSQL, C++, Python, C#, Java (Intermediate)

**Frameworks/Libraries:** Next.js, React, Angular, Node.js, Express.js, Tailwind CSS, Flask, RESTful APIs

**System/Architecture Skills** Data Structures & Algorithms (DSA), System Design

**Tools & Methodologies:** Agile (Scrum), Jira, AWS, Postman, VS Code, CI/CD (GitHub Actions), Git, GitHub

**Databases:** MongoDB, PostgreSQL, Mongoose, Prisma

**Spoken Languages:** English, Hindi, Gujarati

## WORK EXPERIENCE

### Senior Software Development Engineer | Capgemini

07/2022 – Present

- Recognized with the **GEM (Going the Extra Mile) Award** for demonstrating **leadership** in setting up the project infrastructure, **mentoring** 3 engineers and improving sprint velocity by 30%.
- Recognized with the **WOW Award** for upgrading 3 legacy codebases, implementing 2 security enhancements, and collaborating across 3 teams.
- Implemented server-side filtering with Node.js and React.js for medical devices management and configuration portal.
- Upgraded 2 healthcare device's UI from Angular v7 to v18, migrating to **standalone components** and **MDC-based Angular Material architecture**, boosting performance by 30%.
- Upgraded an Angular **Micro Frontend (MFE)** codebase for the device management platform from Angular 13 to 18, improving maintainability and scalability.
- Led a **Proof of Concept (POC) for Angular 19**, worked on **two projects simultaneously**, and resolved two critical MEND vulnerabilities, ensuring license compliance and system security.
- Led knowledge transfer sessions on React and Next.js, improving onboarding speed for 3 junior developers and enabling faster ramp-up for new team members.

## PERSONAL PROJECTS

### RepoMate

01/2025 – 03/2025

<https://repomate.vercel.app/>

Tech Stack: React 19, Next.js 15, TypeScript, Tailwind CSS | Google Gemini AI, Assembly AI | Prisma, MongoDB

- Developed RepoMate, a **retrieval-augmented generation (RAG) tool** that helps users query **10,000+ lines of code** across repositories with **95% accuracy**.
- Designed asynchronous task pipelines to process **100+ files concurrently** using Promises and Octokit, reducing bottlenecks by 60%.
- Stored **vector embeddings in MongoDB**, enabling similarity-based retrieval in under 500ms latency.

### Rentura

04/2025 – 07/2025

<https://main.d1cv13h3hovhdh.amplifyapp.com/>

Tech Stack: Next.js 15, Redux Toolkit, TypeScript, Tailwind CSS, Mapbox | Node.js, Express.js, AWS (EC2, API Gateway, RDS, S3, Cognito and Amplify) | PostgreSQL, Prisma

- Developed a full-stack, rental platform with role-based access for tenants and property managers.
- Built search and filter functionality with Mapbox-powered map view, supporting location-based filtering and property markers for 10+ cities.
- Integrated AWS Cognito for secure authentication and authorization and hosted on AWS Amplify, ensuring 100% compliance with AWS best practices.
- Implemented a complete application lifecycle, allowing tenants to apply for properties, and managers to

- approve/reject applications and generate leases.
- Designed scalable RESTful APIs using Express.js and deployed on AWS infrastructure (EC2, RDS, S3, API Gateway).
  - Utilized Redux Toolkit for state management and integrated ‘favourites’ functionality for authenticated users.
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## EDUCATION

### Parul University

Bachelor of Technology in Computer Science and Engineering | CGPA: 8.07/10

Vadodara, Gujarat

07/2018 – 03/2022

## CERTIFICATIONS

- **Next.js 14 & React - The Complete Guide (Udemy)** | 06/2024  
by Maximilian Schwarzmüller | Duration: 40.5hrs
- **Generative AI for Everyone (Coursera)** | 03/2024  
by Andrew Ng, DeepLearning.AI | Duration: 5hrs
- **The Complete 2024 Web Development Bootcamp (Udemy)** | 09/2021  
by Dr. Angela Yu | Duration: 62hrs