Smit Bhamwala

Full Stack Web Developer | Software Developer

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SKILLS

Programming Languages:	JavaScript, TypeScript, SQL, C++, Python, Java (Intermediate)
Frameworks:	Next.js, React, Angular, Node.js, Express.js, EJS, Tailwind CSS, Flask, RESTful APIs
Tools & Methodologies:	Agile Methodologies (Scrum), Jira, AWS, Postman, VS Code, CI/CD (GitHub Actions), Git
Databases:	Mongoose, Prisma, MongoDB, PostgreSQL
Spoken Languages:	English, Hindi, Gujarati

WORK EXPERIENCE

Capgemini

Senior Software Development Engineer
07/2024 – Present

- Recognized with the **WOW Award** for upgrading 3 legacy codebases, implementing 2 security enhancements, and collaborating across 3 teams.
- 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.

Software Development Engineer
07/2022 – 06/2024

- Recognized with the **GEM (Going the Extra Mile) Award** for **setting up the project infrastructure, mentoring 3 engineers** and boosting **team efficiency by 30%**.
- Debugged and **resolved 10+ critical issues** in two C/C++ projects using Valgrind to address memory exceptions and other critical errors.
- Implemented and standardized Google Test framework, resulting in early project kickoff and a 20% reduction in integration errors.
- **Conducted Knowledge Transfer (KT) sessions** on Google Test framework and project overview**, mentored** and guided 3 team members in debugging complex test cases, accelerating project completion by 30%.
- Conducted unit testing on heart's angiography device codebase, increasing code coverage from 60% to 100%.

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**.
- Integrated **GitHub's Octokit API** to fetch **100 files concurrently from repository**, reducing processing time by **60%**.
- Stored **vector embeddings in MongoDB**, enabling similarity-based retrieval in **under 500ms**.

Digital Portfolio
06/2024 – 07/2024

https://smitbhamwala.vercel.app/

Tech Stack: React, Next.js 15 (App Router), TypeScript, Tailwind CSS | React Email, Resend

- Created a digital portfolio website showcasing skills, projects, experience, courses, and education, increasing online visibility by 40%.
- Implemented a **responsive design** using Tailwind CSS, improving user engagement by 40% and reducing the bounce

rate by 25%.

- **Improved SEO and Google indexing** by implementing best practices such as optimized meta tags, adding sitemap and efficient site architecture, increasing organic traffic by 60%.

HomeoKart   *11/2021 – 04/2022*

https://homeokart.onrender.com/

Tech Stack: JavaScript, EJS | Node.js, Express.js, RESTful API | MongoDB, Razorpay

- Developed HomeoKart, a full-stack E-commerce platform for medical supply purchases and virtual doctor consultations, boosting user engagement by 35%.
- **Integrated Razorpay payment gateway** for secure payments, ensuring smooth transactions for 100+ users.

EDUCATION

Parul University   Vadodara, Gujarat

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