

TANISH BAJAJ

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EDUCATION

B.Tech in Electronics and Communication Engineering
Specialization: Computer Science and Engineering
Bharati Vidyapeeth's College of Engineering

Nov 2022 - Jun 2026

EXPERIENCE

Web Development Intern Jul 2025 - Nov 2025
Sopra Steria India

- Developed a task management platform scalable with secure multi-role access.
- Designed 6+ normalized PostgreSQL schemas using Prisma ORM for users, projects and tasks.
- Built 20+ server-side APIs covering authentication, workflows and collaboration features.
- Implemented JWT authentication and authorization to ensure secure access across 5+ roles.

Full Stack Development Summer Training Jun 2024 - Jul 2024
Brain Mentors Private Limited

- Engineered 6+ projects including food delivery and e-commerce apps using MERN Stack.
- Integrated 6+ RESTful APIs in agile sprints to enable seamless frontend-backend communication.
- Optimized state management techniques using Context API, boosting responsiveness.
- Deployed 3+ MERN applications, managing version control via Git and testing with Postman.

PROJECTS

TaskFlow [Live](#) | [GitHub Repository](#) Jul 2025 - Nov 2025

Tech Stack: TypeScript, Next.js, React, PostgreSQL, Prisma ORM, Websockets(Socket.io)

- Built a scalable workflow orchestration and task management platform with secure authentication.
- Added real-time collaboration and role-based authorization, reducing sync issues by 25%.
- Optimized backend workflows and data operations, boosting query performance by 50%.

EazyQuizz [Live](#) | [GitHub Repository](#) Apr 2025 - May 2025

Tech Stack: TypeScript, React, Supabase(Authentication+Database), Tailwind CSS, Gemini API

- Crafted a full-stack quiz system handling 80+ quiz attempts with secure authentication.
- Integrated Gemini API to deliver AI-driven feedback, improving student quiz accuracy in testing.
- Reduced manual grading time through automated evaluation and instant feedback.

HealthiMe [Live](#) | [Admin](#) | [GitHub Repository](#) Jan 2025 - Mar 2025

Tech Stack: React.js, JavaScript, MongoDB, Node.js, Express.js, Tailwind CSS

- Designed a role-based system with 3 distinct dashboards for Patients, Doctors, and Admins.
- Configured role-based permissions, safeguarding sensitive healthcare data for multiple user types.
- Enabled 120+ patients to schedule consultations, with doctor approval and admin oversight.

TECHNICAL SKILLS

Languages: Java, JavaScript (ES6), TypeScript, HTML, CSS

Frameworks: React.js, Next.js, Node.js, Express.js, Bootstrap, Tailwind CSS, Redux, Zustand

Databases: MongoDB, MySQL, PostgreSQL

Cloud & Devops: AWS(EC2,S3,RDS), Docker, Kubernetes, CI/CD(GitHub Actions)

Developer Tools: Git, GitHub, Postman, Visual Studio Code

Academic Coursework: Database Management System, Data Structures & Algorithms, Operating Systems

CERTIFICATIONS

Basics and Data Structures & Algorithms in Java Mar 2023 - Aug 2023

Coding Blocks

- Mastered core and intermediate Java concepts like OOPS, recursion, linked lists, trees.
- Tackled real-world coding challenges to enhance algorithmic thinking and proficiency in data structures.