

Varun UD

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ABOUT ME

Detail-oriented and passionate Full-Stack Web Developer with a solid foundation in computer science and hands-on experience building dynamic, responsive, and scalable web applications. Skilled in front-end technologies like React, JavaScript, and Tailwind CSS, and experienced with back-end development using Node.js, Express, MySQL, and MongoDB. I enjoy creating user-focused interfaces and implementing secure, efficient server-side features that keep applications running smoothly. I'm comfortable collaborating in Agile teams, solving complex challenges, and continually learning new tools and frameworks to stay up to date with the latest in web development. I'm committed to writing high-quality code and building solutions that improve user experience and support real business growth.

WORK EXPERIENCE

- 📅 [10/2024 – 02/2025] **Web & Mobile Developer Intern, Rooman Technologies, Bengaluru, India.**
- Full-Stack Application Development: Developed modular and scalable full-stack applications using React.js, AngularJS, Node.js, MongoDB, MySQL, Django, and PHP to deliver reliable and maintainable solutions.
 - API Development & Integration: Built and integrated RESTful APIs using Node.js and Express.js to enable seamless client-server communication and data exchange.
 - Responsive Design: Created visually consistent, mobile-responsive UI elements designed to enhance usability and overall user experience.
 - Database Management: Designed and optimized data workflows using MySQL and MongoDB to support efficient and reliable storage and retrieval processes.
 - Collaborated with Agile teams of designers and developers to deliver scalable, secure application features in adherence to industry best practices and coding guidelines.

Skills: React.js · AngularJS · Django · MongoDB · MySQL · Node.js · Express.js · PHP · Tailwind CSS

PROJECTS

📖 **Meet AI - SaaS AI Video Call Platform:** (Next.js 15 · React 19 · Drizzle ORM · Neon Postgres · OpenAI · Better Auth · Polar · Inngest · Tailwind · Shadcn/UI)

Link: <https://github.com/UDVarun>

[Feb-2025].

- Developed an AI-powered video calling SaaS platform enabling real-time conversations with custom AI agents (language tutors, interview coaches, sales assistants) using Stream Video SDK and OpenAI Realtime API.
- Designed comprehensive post-call experience with searchable transcripts, AI-generated summaries by topic/timestamp, video playback, and context-aware Q&A chat powered by Stream Chat SDK and Inngest background jobs.
- Implemented secure authentication via Better Auth (email/social logins), Polar subscriptions for tiered pricing/usage limits, responsive dashboard with CRUD operations, and professional Git workflow with CodeRabbit AI reviews.

📖 **E-Commerce Platform:** (React · Tailwind · Node.js · Express · Supabase · JWT · Stripe · Zustand · Supabase)

Link: <https://github.com/UDVarun>

[April-2025].

- Built a BigBasket-inspired e-commerce app with real-time product feeds, advanced filters, dynamic search, and a responsive mobile-first UI using React and Tailwind.
- Implemented secure auth with Supabase and JWT, including social logins, role-based access, protected routes, and seamless session handling.
- Integrated Stripe payments and delivered a sleek admin dashboard featuring end-to-end product, user, and order management with real-time analytics and cloud media storage.

PROJECTS (continued)

MySQL To MongoDB Data Migration Tool: (Python · PyMySQL · PyMongo · Streamlit)

Link: <https://github.com/UDVarun>

[Feb-2025].

- Developed an easy-to-use tool that seamlessly transfers data between MongoDB and MySQL, handling automatic schema mapping and type conversions.
- Implemented secure and reliable database connectors with authentication, connection validation, error handling, and high-performance bulk operations to ensure fast and accurate data transfer.
- Containerized the entire application with Docker, enabling consistent deployments, easy setup across environments, and enhanced reliability for real-world usage.]

Education

2023 – 2025

- **B.E. Computer Science and Engineering** Don Bosco Institute of Technology.
Thesis title: *VocalWave: Advanced automated voice synchronization system for real-time video translation and localization.*

2019 – 2022

- **Diploma. Computer Science and Engineering** P.E.S. Institute of Technology and Management.
Project title: *Online Voting System - Secure Android-Based Online Voting System with Aadhaar OTP Authentication and Admin/User Management (Android App)*

Skills

Languages	■ English Kannada Hindi.
Technical Skills / Software	■ Postman · Git · GitHub · Docker · shopify · Chrome DevTools · Vite · NPM · Yarn · Redux DevTools · Firebase Tools · Vercel
Programming & Scripting	■ Python, Bash, PowerShell, JavaScript, Java, PHP, SQL, XML/XSL.
Databases	■ MySQL, PostgreSQL, MONGODB, SQLite,
Web Dev	■ HTML, css, JavaScript, Nginx, Node.js, React.js, AngularJS.
OS Systems	■ Linux (Kali, Ubuntu), Windows,

Additional Information

Certification

2025

- **Introduction to Cybersecurity.** Awarded by Cisco.
■ **Angular – The Complete Guide.** Awarded by Udemy.
■ **Introduction to Cybersecurity.** Awarded by Cisco.
■ **OPSWAT Secure Storage Associate.** Awarded by Virtually Testing Foundation.
■ **Cybersecurity Analyst Job Simulation.** Awarded by TATA.
■ **OPSWAT File Security Associate.** Awarded by OPSWAT.

2024

- **Operating Systems Basics.** Awarded by Cisco Networking Academy.
■ **Docker for the Absolute Beginner - Hands On.** Awarded by KodeKloud. KodeKloud
■ **The Web Developer Bootcamp 2021.** Awarded by Udemy. Udemy.

2023