

Amit Pandey

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CAREER OBJECTIVES

Aspiring Backend Web-Developer eager to leverage my skills in Node.js, Express.js, MongoDB and MERN stack to build innovative, user-centric, scalable and efficient server-side applications. Passionate about learning new technologies and contributing to impactful projects.

Looking for a challenging role where I could learn under working professionals to gain knowledge and improvement of my skills so that I can use my skills and capabilities through sincere dedication and hard work for successful career.

Skills

Technical Skills:

- Frontend: HTML5, CSS3, JavaScript (ES6+), Bootstrap, Tailwind, React.js
- Backend: Node.js & Express.js (Asterisk, Web-Socket & JWT)
- DevOps/Tools: Docker, Postman & Git/GitHub
- Database: MongoDB & MySQL
- Programming Languages: Java & Python.

Quick Learner and Good Communicator.

Experiences

Internship Full (MERN) Stack Developer | WEBLORD INFO TECH PVT LTD | 6 Months

- Designed and developed a complete automated outbound calling system from scratch on Ubuntu, configuring Asterisk PBX as the core telephony engine for call routing, media playback, and DTMF-based IVR logic.
- Built a Node.js + Express backend integrated with Asterisk Manager Interface (AMI) using the asterisk-manager library to programmatically originate calls, track real-time events, and manage sequential call campaigns.
- Integrated physical telephony hardware by compiling and configuring the chan_dongle driver, enabling Asterisk to place SIM-based calls via a Huawei GSM modem without SIP or VoIP providers.
- Authored and maintained Asterisk dialplans (extensions.conf) and secured AMI access via manager.conf, implementing event-driven call workflows using custom EventEmitters.
- Implemented audio processing pipelines using FFmpeg to convert uploaded MP3 files into GSM 8kHz format for dynamic call playback.
- Developed a React (Vite) analytics dashboard with filters, charts, and call performance metrics, and stored call logs in MySQL for status, duration, and user-input analysis.
- Gained hands-on experience working on a live production real estate platform (housingmagic.com), collaborating with the team to implement and debug features related to property listings and user management using MySQL, Express.js, React, Next.js, and Node.js.

Project Links

Teaching Assistant (Web Development & Programming) | Claritech Computer Institute | Borivali | 6 Months

- Assisting in Frontend, Node.js, Express, MongoDB, MySQL and Python language.
- Provided hands-on support and guidance to students in completing assignments and projects.

Projects

1) POS Model with QR Scanning Table (Khana-Khazana) | [khana khajana](#)

Developed a Point-of-Sale system with QR code scanning functionality.

- **Features:** Developed RESTful APIs for User Authentication, Customer & Admin panel & Live Notification.
- **Technologies Used:** React, Node.js, Express.js, JWT, WebSocket & MySQL

2) E-commerce Website (MRM Wholesale): | [MRM](#)

- Implemented product management and shopping cart functionality platform for a wholesaler.
- **Technologies Used:** Node.js, Express.js, MySQL, HTML, CSS, JavaScript.

3) Task Management System | [Task Management System](#)

- Built a secure Task Management System using the MERN Stack with Role-Based Authentication, ensuring strict data isolation so users exclusively manage their private dashboards.
 - Engineered advanced data handling features including Search, Filtering, and Pagination within the React interface to optimize performance and navigation for large task lists.
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EDUCATION & CERTIFICATIONS

- ❖ **Bachelor of Computer Application (BCA)** | Sailee College | YCMOU | July 2022 – June 2025.
 - Relevant Coursework: Web Development, Database Management, Data Structure, Software Engineering Principles, Cyber Security Fundamentals, Linux and Windows Operating Systems, (OOPS) Concepts.
 - ❖ **MERN Web Development** | *Sigma 6.0, Apna College* | Period: January 2025 – July 2025 (Certified).
 - ❖ **VISION Agentic AI Hackathon** | [03/04/2025]
 - Description: Built a no-code AI assistant capable of automating tasks such as making calls, managing contacts, sending emails, setting reminders, scheduling, updating, and deleting tasks. My role focused on designing intuitive workflows using n8n and implementing natural language interactions through Lovable AI, tailored for efficiency in a no-code environment.
 - ❖ **Digital Marketing** | *Sailee Institute (College Integrated Course)* | Period: January 2023 – March 2023
Status: Certified
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AREAS OF INTEREST & PERSONAL INFORMATION

INTEREST: Web-Development & Programming

ADDRESS: Chinchpada Borivali (E) | Mumbai | MAHARASHTRA | INDIA

LANGUAGE KNOWN: ENGLISH, MARATHI & HINDI

DECLARATION

I hereby declare that all the details furnished here are true to the best of my knowledge and belief.