

OM CHAKUNDE

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Professional Summary

Full-stack developer with strong skills in Java, Data Structures Algorithms, and MERN stack; experienced in building scalable web apps with secure auth and cloud deployment. Pursuing B.Tech. (4th year) at MIT Academy of Engineering; seeking a technical role to apply problem-solving and backend expertise.

Education

MIT Academy of Engineering

Bachelor of Technology in Electronics and Telecommunication

Nov. 2022 – May 2026

Pune, Maharashtra

Relevant Coursework

- Full Stack Web Development
- Frontend Frameworks and UI Design
- Backend Development and Database Management

- Machine Learning and Deep Learning
- Cloud and Deployment
- Data Structures and Algorithmic Problem Solving

Experience

Anantam Aerials and Robotics

Backend Developer Intern

June 2025 – July 2025

Pune, Maharashtra

- Built scalable RESTful APIs using Node.js, Express.js, and MongoDB for backend operations.
- Secured user data with JWT, OAuth, and performance-optimized sessions using Redis.
- Integrated Cloudinary for image uploads and deployed apps to AWS with automated CI/CD workflows.
- Developed real-time logging and monitoring systems to enhance backend reliability and reduce debugging time.

Meta Craftlab

Full Stack Developer Intern

June 2024 – August 2024

Pune, Maharashtra

- Built responsive UIs using React.js, Svelte, HTML/CSS, improving page load by 30%.
- Developed REST APIs with Node.js, Express.js, and MongoDB, including JWT/OAuth authentication.
- Deployed using Firebase and Vercel, and implemented CI/CD pipelines for automated delivery.
- Collaborated via Git, GitHub, and Slack; contributed to 3+ professional feature implementations.

Projects

Wanderlust | React.js, HTML, CSS, JavaScript, Node.js, MongoDB, JWT, OAuth, Cloudinary, Vercel.

May 2025

- Built a travel booking web app using React.js, Node.js, Express.js, and MongoDB with search and reservation features.
- Integrated Stripe for payments and implemented secure login using JWT and OAuth.
- Developed RESTful APIs, added image handling with Cloudinary, and optimized performance across the stack.
- Deployed the platform on Vercel, ensuring responsive design and smooth user experience.

Job-Hunt | React.js, HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, JWT, OAuth.

December 2024

- Built a full-stack job portal using React.js, Node.js, Express.js, and MongoDB with features for job search and application tracking.
- Implemented JWT and OAuth authentication with role-based access for applicants and recruiters.
- Integrated an AI-based recommendation system to suggest relevant jobs based on user profiles.
- Developed an admin dashboard with Excel export of job postings and applicant data to streamline hiring workflows.

Object Detection Using Deep Learning (YOLOv5) | Python, YOLOv5, OpenCV

October 2024

- Implemented real-time object detection using the YOLOv5 architecture in Python, training the model on a labeled image dataset for high-accuracy predictions.
- Analyzed model performance using precision, recall, and IoU metrics, and compared YOLO with other detection models like SSD and Faster R-CNN.
- Documented the complete workflow with mathematical modeling, architecture diagrams, and results in an IEEE-style research paper.

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, GitHub, Postman, Vercel, Firebase, Google Colab

Technologies/Frameworks: React.js, Node.js, Express.js, MongoDB, OpenCV, JWT, OAuth, Cloudinary

Leadership / Extracurricular

- Head volunteer in the NSS Club and active member of the Coding Club, organizing coding events and workshops.
- Participated in inter-college hackathons and technical workshops on Full Stack Development, AI/ML, and IoT.
- Applied for Google Summer of Code (GSoC) 2025 and was selected to present a full-stack project at a regional tech showcase.