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Manish Kumar

Full-Stack Engineer

LinkedIn
GitHub Portfolio

- Web Development
 - Cloud Computing
 - AI / ML
 - DevOps
- Impact:** Built over four end-to-end projects across Web and Mobile; finished as a runner-up in two hackathons; delivered production-worthy features during a six-month internship; led Algorithm Avengers team initiatives.

EDUCATION

Bachelor of Technology, Computer Science Engineering, Rungta College of Engineering Technology, Bhilai **Dec 2022 – Present**
CGPA: 8 / 10 • Third-year undergraduate

PROJECTS

AI-powered Depression Detection System **Jan 2025 – Present**

- React + Tailwind, DASS-21 · FER-2013 · RavDASS datasets
- Designed an interactive landing page and dashboard UI (Figma to React) that improved onboarding time by **40%**.
 - Trained a multimodal ML pipeline that combined text (BERT) and facial-emotion CNNs, achieving a **92% F1-score** on DASS-21.
 - Integrated the RavDASS dataset for real-time voice tone analysis to assess emotional state and depressive symptoms.
 - Used the FER-2013 dataset and live webcam input for facial expression classification, which improved detection accuracy.
 - Built a journaling module to help track cognitive-emotional patterns over time for in-depth analysis.

Resume Builder Platform **Jun 2025 – Jul 2025**

- React.js, Tailwind CSS, MongoDB, Axios, Express.js, JWT, Multer, Nodemon
- Developed a secure resume creation app using the MERN stack, allowing users to register and log in with JWT-based authentication.
 - Created dynamic resume templates using React and Tailwind, and added a PDF download feature.
 - Set up an Express API with protected routes, using Multer for profile picture and file uploads.
 - Used MongoDB through Mongoose to store user details and resume data.

House Price Prediction System (College Project) **Oct 2024**

- Python, Pandas, scikit-learn, Matplotlib
- Developed a regression model using a real estate dataset to predict house prices with **83% accuracy** and earned **83% marks** in the course evaluation.
 - Performed data cleaning, feature engineering, and model tuning (Ridge, Lasso, Decision Trees).

EXPERIENCE

Full-Stack Developer Intern **Dec 2023 – Jun 2025**

- thevblackthreat • Remote (First Internship)
- Designed and developed responsive frontend interfaces using React.js, Tailwind CSS, and ShadCN UI for production modules.
 - Built authentication flows with JWT and contributed to backend integration using Express and Node.js.
 - Gained knowledge in JavaScript, Git, APIs, and full-stack architecture; established a solid foundation in frontend/backend collaboration.
 - Worked closely with senior engineers, receiving code reviews and feedback to strengthen development practices.

Frontend Hackathon (2nd Place – Vyom 2024 Fest) **Apr 2024**

- College-wide Hackathon – 60+ teams • Organized during annual fest "Vyom 2024"
- Developed a fully functional e-commerce web app in 24 hours using HTML, CSS, JavaScript, Bootstrap, and CSS animations.
 - Created a responsive UI with smooth transitions, earning the highest score in the UI/UX category among all entries.
 - Addressed live problems, debugged code, and deployed rapidly under strict time limits.

SKILLS

Languages	JavaScript/TypeScript, Python, Java (core), C, SQL
Frameworks	React
Next.js, Node.js	Express, Tailwind CSS, FastAPI, Flask
Cloud/DevOps	AWS (EC2, S3, Lambda), Docker, Kubernetes (basics), GitHub Actions, Nginx
ML/AI	PyTorch, scikit-learn, HuggingFace Transformers, OpenAI/Anthropic APIs
Tools	Git, Figma, Postman, VS Code, Linux,

AWARDS HONORS

- 2025** Finalist – MLH Hackathon, Thapar University, Patiala (National Level)
2025 Finalist – National Hackathon at CMR College, Hyderabad
2024 2nd Place – College Frontend Hackathon at Vyom 2024 (60 teams)