

Vaibhav Bhargav

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Github | LinkedIn | Portfolio

EDUCATION

VIT Bhopal University

Bachelor of Technology

Major in Computer Science and Engineering
Specialization in Health Informatics
Cumulative GPA: 9.10

Schore, Madhya Pradesh, IN.

Aug 2022 – May 2026

TECHNOLOGIES AND TOOLS

- **Languages:** Java, Python, JavaScript, HTML, Css, Sql.
- **Front-end:** ReactJS, Tailwind CSS, Material UI, Bootstrap .
- **Back-end:** Node.js, Express.js, Postman, Context-API, Appwrite, React Router, Socket.io.
- **Databases:** MongoDB, Relational Databases (PostgreSQL, MySQL) .
- **DevOps:** Docker, Git, GitHub.
- **App Development:** React-native, React Native Expo.

CERTIFICATIONS

- **MongoDB Node.js Developer Path**, MongoDB.
- **Java Foundations Certified Junior Associate Certification**, Oracle.
- **Full Stack Developer MERN**, SmartBridge.

PUBLICATIONS

- Published a research paper titled “Human Drawing-Driven Automated Evaluation for Parkinson's Disease Detection” in IEEE conference, contributing to advancements in AI-driven healthcare diagnostics.

WORK EXPERIENCE

FULL STACK DEVELOPER

June 2025 – August 2025

Zyntriq AI Solutions Pvt Ltd.

- Built TheOptionHedge, a MERN-based trading app, boosting real-time data rendering and engagement by 40%.
- Deployed the platform on Hostinger, integrating 15+ secure RESTful API endpoints and optimizing frontend performance for faster load times and seamless UX.

MERN STACK DEVELOPER

Feb 2025 – June 2025

Ceeras IT Services and IT Consulting

- Engineered 3+ scalable web platforms using MongoDB, Express.js, React.js, and Node.js, enhancing system responsiveness by 35%.
- Designed 20+ RESTful API endpoints, improving data flow efficiency.

PROJECTS

PAWVADIYA

GitHub Repo

Veterinary HealthCare

- Launched a responsive web-based storefront through enhanced navigation, secure transactions, and streamlined user flow.
- Implemented a Paypal payment gateway for secure and user friendly checkout of the items.
- **Tools:** Node.js, Express.js, React.js, MongoDB, RESTful services, PayPal Payment Middleware, Cloudinary, Nodemailer, Multer.

AI DIGEST

GitHub Repo

AI Model Discovery Dashboard

- Built an interface to track 50+ AI models from GitHub, Hugging Face, and ArXiv.
- Developed an automated newsletter system, through NodeMailer.
- **Stack:** React.js, Tailwind CSS, Express.js, MongoDB, RESTful APIs, GitHub/Hugging Face APIs, Nodemailer.

ALZHEIMER'S DISEASE DETECTION

GitHub Repo

Research-Based ML Project

- Initialized deep learning models to classify Alzheimer's stages using 5,000+ MRI scans with 87% accuracy.
- Designed custom CNN architectures to assess cognitive impairment severity, achieving a 90% precision rate.
- **Technologies:** Python, TensorFlow, Keras, OpenCV, NumPy, Pandas, Matplotlib.

EXTRACURRICULARS

- Ranked among Top 10 in ZS Campus Beats among 2,000+ entries.
- Finalist at HackFinance – IIITD Fintech Hackathon (Student Division).
- Top 5 placement in MERN Hackathon, hosted by VIT Bhopal University..