Vikraman G

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RELEVANT SKILLS

FRONT-END
- ReactJS • JavaScript
- HTML5 • CSS3
- Tailwind • Bootstrap

BACK-END
- NodeJS • ExpressJS
- Flask • Python

DATABASE
- MongoDB • MySQL
- PostgreSQL

TECHNOLOGICAL TOOLS AND PROFICIENCIES
- Git (Version Control)
- GeoServer (Geospatial Server)
- VS Code (Development Environment)
- Postman (API Testing)

SOFT SKILLS
- Data-Driven Decision-Making
- Analytical Mindset
- Troubleshooting Complex Issues

EDUCATION

UNIVERSITY OF MADRAS
M.Sc COMPUTER SCIENCE
Sept 2022 – May 2024
CGPA: 8.14 | Chennai, TN

E.G.S. PILLAI ARTS AND SCIENCE COLLEGE
B.Sc COMPUTER SCIENCE
May 2019 – July 2022
CGPA: 8.58 | Nagapattinam, TN

CERTIFICATIONS
- Web Development Masterclass
- Python and Flask Demonstrations
- Python: Master Programming and Development
- CSS, Bootstrap, JavaScript, and Python Stack Course
- React - Complete Developer Course

LINKS

Github : **github.com/vikraman1653763**
LinkedIn : **linkedin.com/in/vikraman-g/**

HOBBIES
- Reading Tech Blogs
- Leetcoder
- Cricket

EXPERIENCE

Xagrotor Tek Private Limited | FULL STACK DEVELOPER
Jun 2024 – Present | Chennai,TN
- Engineered the Xagrotek.in website using React.js, Node.js, Express.js, and MySQL, deploying with SSL, reducing load times by 30%.
- Led product page development, increased visibility by 40% and ensuring content accuracy.
- Built a Task Manager application using the MERN stack and Tailwind CSS, streamlining workflow and task delegation for internal teams.
- Devised and hosted a local inventory management app, improving tracking and cutting manual record-keeping by 75% .
- Enhanced GoDaddy email services and IT infrastructure, reducing system downtime by 30% and improving business communication efficiency.

NEVAR SYSTEMS | WEBGIS DEVELOPER INTERN
Feb 2024 – Apr 2024 | Puducherry,PY
- Built Flask-based mapping applications with features like layer manipulation, distance and area measurement, and spatial analysis, processing over 1,000 spatial queries monthly .
- Executed secure login pages with OTP verification for authentication, reducing unauthorized access attempts by 50%.
- Integrated Geospatial Data (Shapefiles, DSM, Ortho Imageries) from GeoServer to PostgreSQL, improving data retrieval speed by 35%.

OPEN WEAVER | VIRTUAL INTERNSHIP
Aug 2023 – Sep 2023 | Chennai,TN
- Spearheaded the development of an e-commerce website, improving page load speed by 20% using advanced caching and optimized APIs.
- Delivered a fully responsive on-line shopping platform, increasing user satisfaction by 30% through intuitive design and smooth navigation.

NEVAR SYSTEMS | FULL STACK DEVELOPER INTERN
June 2023 – Sept 2023 | Puducherry,PY
- Engineered a fault detection system using Flask and integrated YOLOv8, achieving 95% detection accuracy.
- Crafted an intuitive UI for drone-image editing and bounding box annotation, reducing manual inspection time by 50%.
- Implemented Streamlined MySQL data storage, increasing query efficiency by 25% and improving system performance.

FREELANCE DEVELOPER

Dragon Tech Solutions   2024 | Remote
- Designed and deployed a React.js + Flask business website, automating customer inquiries and handling 200+ requests monthly.
- Developed a Flask-based enquiry system with secure email automation via Outlook SMTP, integrating with a React front-end using a REST API and CORS, handling over 150 customer queries monthly.

V Hospitals   2025 | Remote
- Created a feature-rich, visually engaging website for VHospitals using React.js with Framer Motion, GSAP and AOS animations, enhancing client engagement by 30%.