Yuvaraj kumar S

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EDUCATION

Chennai Institute of Technology

2022-2026 CGPA: 8.5/10

B.E. Computer Science and Engineering

SKILLS

Languages: Java, Python3, HTML5, CSS3, JavaScript, TypeScript, MySQL

Tools: Visual Studio Code, Docker, Postman, Android Studio, Figma, Git/GitHub, Power BI, Microsoft 365 Suite

Frameworks: React.js, Tailwind CSS, Express.js, Node.js, Next.js, Vite.js, Django, Angular.js

Libraries: Pandas, NumPy, Matplotlib, AOS, Auth0

Other Skills: Data Analysis, Responsive Web Design, AWS (S3, EC2 Instances, AWS Lambda)

Internships

Full-Stack Development Intern - Getmax Solutions Pvt Ltd | React.js, Node.js

Oct 2023 - Mar 2024

- Coordinated with cross-functional teams, UI/UX designers and QA testers, to deliver high-quality applications.
- Optimized web applications using React.js and Express.js, reducing load times by 20% and enhancing performance.
- \bullet Led a team of 25+ to successfully meet project milestones ahead of schedule, improving overall team productivity.
- Utilized Git and GitHub for version control, ensuring smooth collaboration and efficient management of project.
- Contributed to database optimization, ensuring smooth data retrieval and reducing query response times by 25%.

Data Analyst Intern - Altapulse Pvt Ltd | Power BI, Microsoft Excel, Python

Jun 2024 - Aug 2024

- Analyzed large datasets exceeding 50K records to uncover actionable insights, boosting client traffic by 15%.
- Collaborated with cross-functional teams to identify key business KPIs and align efforts with business objectives.
- Conducted trend analysis and created actionable reports that helped marketing team increase campaign ROI by 15%.
- Utilized statistical techniques to identify trends and anomalies, providing insights that informed business strategy.
- Streamlined reporting processes, reducing report generation time by 20% through automation and Excel functions.

PROJECTS

Cubish - Fully operational Insurance Website | React.js, Tailwind CSS, Node.js, Express.js, MySQL

- Developed an insurance management system for seamless policy management, plan viewing, and purchase tracking.
- Integrated RESTful APIs for real-time policy updates, enabling data exchange between the front-end and back-end.
- Implemented secure authentication using JWT, ensuring data protection and role-based access control for users.

Bear-R-Bull Sentiment Analysis for Stock Market | React.js, Tailwind CSS, Express.js, Node.js, MySQL, VADER

- Developed real-time stock sentiment analysis system, integrating NewsAPI and Alpha Vantage to fetch financial data.
- Implemented VADER NLP model to analyze stock-related news and social media data for sentiment classification.
- Optimized backend data processing to handle large datasets efficiently, reducing API response time by 35%.

SHEC - Consulting Website | React.js, Tailwind CSS, Express.js, Node.js, MySQl

- Developed a responsive UI/UX for seamless experience across all devices, following best practices for accessibility.
- Built a scalable backend with Node is and Express is, efficiently handling high request volumes and data processing.
- Improved SEO performance with structured data and optimized meta tags, boosting site visibility and search rankings.

Competitive Programming

- Solved 520+ LeetCode problems, achieving a maximum rating of 1572, demonstrating strong problem-solving.
- Participated in 30+ Codechef contests, max rating of 1132 showcasing strong competitive programming skills.

ACHIEVEMENTS

- Finalist at E-Summit 2023, IIT Madras, for the Smart Voting System, showcasing technical innovation.
- Elected Secretary of Hackerz-2025, managing event planning and execution for 5,000+ participants.
- Led the PR team for G20 Startup20x Summit, driving an 80% increase in visibility and engagement.
- Lead Organizer of Hackfusion 2024, overseeing all aspects of the flagship hackathon, ensuring its success.

CERTIFICATIONS

- AWS Certified Cloud Practitioner Certification Issued Feb 2025
- NPTEL Blockchain and its Applications Issued Apr 2024
- Foundations of Project Management (Google) Issued Jan 2024
- Foundations of Digital Marketing and E-commerce (Google) Issued Jan 2024