Tanmay Upadhyay

Software Engineer – Full Stack | Web Development| | CMS Integration

Results-driven *Software Engineer* with 2+ years of experience in software development, including a key role in Product & Technology at IntegriChain. Proficient in full-stack development using the MERN stack, Angular, and Python, with a strong foundation in system architecture, product design, and scalable application development. Proven ability to deliver robust, high-performance solutions in fast-paced, cross-functional environments.

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AREAS OF EXPERTISE

Web Development & CMS: HTML5, CSS3, JavaScript (ES6+), React.js, Next.js, Angular

Backend & APIs: Node.js, Express.js, Python (Flask), PHP, Java, RESTful APIs, MongoDB, PostgreSQL, MySQL, .net, Salesforce

Automation & Scripting: API Scripting (Make, Zapier), Docker, Jenkins, Git, GitHub

UI/UX & Tools: Figma, Responsive Design, SEO Optimization, Cross-Browser Compatibility

Cloud & DevOps: AWS (EC2, S3), Linux, Agile Methodology, Unit Testing (Jest, JUnit)

PROFESSIONAL EXPERIENCE

Software Engineer: Product & Technology Engineering
Integrichain || 0*8/2024- Present*   *Pune, IN*

- Designed and maintained scalable backend services using **Python (Flask)** and contributed to maintaining and refactoring internal **PHP-based microservices**, primarily used for data syncing and reporting modules.
- Integrated **legacy PHP services** with modern APIs, ensuring smooth communication across services in a microservices environment.
- Participated in migrating specific PHP logic to newer backend stacks like **Node.js** and **Python**, improving performance and code maintainability.
- Developed and refactored backend APIs using **Python (Flask)** and contributed to existing microservices written in **PHP**, supporting legacy integrations and internal tools.
- Collaborated with design teams via Figma to ensure responsive, accessible frontend components aligned with backend architecture**.**
- Followed SEO best practices and implemented performance improvements across both frontend and backend module**.**
- Utilized Docker, Git, and Jenkins for CI/CD and deployment automation across staging and production environments**.**
- Conducted in-depth system performance profiling, identifying key bottlenecks that led to a 25% improvement in API latency and overall system throughput**.**

Full-Stack Development: Product & Design Team
TalentServe Pvt. Ltd. || 03*/2024 – 7/2024*   *Mumbai, IN*

- **Utilized Webflow to design and manage CMS-based websites and marketing pages.**
- **Translated Figma mockups into pixel-perfect interfaces using HTML5, CSS3, and React.js**
- **Engineered scalable RESTful APIs and backend services using Node.js and Express, improving data transaction efficiency and supporting high-volume traffic with consistent reliability.**
- **Conducted unit testing and debugging across both frontend and backend layers, increasing system stability and reducing production bugs by 40%.**
- Collaborated closely with UI/UX teams to implement **responsive and high-performing interfaces** in

React.js, leading to smoother user interactions and a 25% improvement in user satisfaction metrics.
- Streamlined version control and automated deployment using Git and Jenkins, reducing manual deployment errors and enabling faster release cycles.
- Led key **performance optimization initiatives**, identifying critical bottlenecks through profiling tools and implementing enhancements that decreased page load time by 50%.

INTERNSHIP EXPERIENCE

Analyst Intern
Ernst & Young India || *01/2024 – 04/2024*   *Gurugram, IN*

- Performed **statistical analysis on CAFTA project datasets**, uncovering key business trends and supporting predictive modeling to inform data-driven strategies.
- Utilized **SAP modules** (Finance, Procurement, Supply Chain) for end-to-end data extraction, management, and reporting—enhancing visibility into operational performance.
- Applied **data analytics and troubleshooting techniques** to identify bottlenecks, improve system responsiveness, and enhance the end-user experience across internal tools.
- Delivered **actionable insights and visual reports** that supported leadership in making informed strategic decisions for cross-functional initiatives.

Web Developer Intern
LaserPay || *06/2023 – 09/2023*   *Bangalore, IN*

- Maintained and optimized the company's primary website and developer accounts, while actively contributing to the development of a new web-based platform.
- Developed and deployed secure features using **Java and Firebase**, including **real-time database integration**, **token generation**, and **certificate creation**, enhancing system responsiveness and security.
- Gained hands-on experience in **user authentication workflows**, data handling, and backend logic in cloud-based environments.
- Pioneered secure features for **'QR_Code_Generator'**, enabling real-time database integration and token generation, enhancing operational efficiency by processing 200+ QR scans per day with 99.9% accuracy..
- Strengthened proficiency in **Java**, **Firebase**, and **database management**, while working in an agile, fast-paced startup environment focused on rapid iteration and innovation.

EDUCATION

B. TECH -ELECTRONICS & COMMUNICATION ENGINEERING
Birla Institute of Technology, Mesra, Ranchi
2020-2024   *CGPA: 8.20/10*

CERTIFICATES & ACHIEVEMENTS

- Python Basics & Intermediate Training
- Power BI
- Data Science Foundation
- Full Stack Development
- Google Cloud
- Completed 100+days of coding challenge on **LeetCode**.
- Certified for CSS, JavaScript (Basic & Intermediate), Java over **HackerRank Certificate's**
- Earned Gold Badge for java and bronze level badge on **HackerRank**