Hemanta Thapa

FullStack Developer

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ABOUT

Full-Stack Developer with 2+ years of experience building scalable web applications using **React**, **Node.js**, and **AWS**. Proven track record in EdTech and staffing industries, automating workflows, and delivering user-centric solutions. Skilled in DevOps (**Docker**, **Jenkins**, **CI/CD**) and cross-functional collaboration. Strong advocate for **Agile** methodologies and test-driven development.

SKILLS

- **Programming Languages**: Java, JavaScript, HTML, CSS, Python(basic)
- **Frontend**: React, Redux, Bootstrap, Jest
- **Backend**: Node.js, Express.js, Spring Boot, RESTful APIs
- **Cloud & DevOps**: AWS (EC2, S3, Docker, Jenkins, CI/CD Pipelines
- **Databases**: MySQL, MongoDB, Hibernate/JPA
- **Tools & Technologies**: Git, JUnit, Postman
- **Methodologies**: Agile, Scrum, TDD, UI/UX Design

PROFESSIONAL EXPERIENCE

TAKEO TECH LLC, New York, NY *- Software Engineer (Part-Time, Remote)*

August 2024 - January 2025

- **Alumni Connect Platform (EdTech):**
  - Revamped a React-based student portal by adding an alumni networking module, enabling mentorship for 500+ users and increasing engagement by 15%.
  - Developed 15+ RESTful APIs (Node.js/Express) for profile management and notifications, reducing manual workflows by 40%.
  - Containerized services using Docker and deployed via Jenkins CI/CD to AWS EC2, improving deployment speed by 25%.
  - Authored technical specifications for API integrations, reducing onboarding time for 3 new developers by 40%.
  - Conducted A/B testing on UI components (Bootstrap), boosting user retention by 12% within 3 months.
  - Analyzed and resolved compatibility issues between React and legacy Spring Boot APIs, improving system performance by 20%.

KUEBIKO, INC, Euless, TX - *Programmer Analyst/Software Developer (Full-Time, Remote)*

February 2023 - July 2024

- **Full-Stack ATS Development (TalentConnect Lite):**
  - Built an Applicant Tracking System (React, Node.js, MongoDB) to automate job postings and candidate screening for 200+ users, reducing HR manual data entry by 40%.
  - Leveraged GitHub for version control, orchestrating collaboration across 5+ teams through feature branching, pull requests, and code reviews, reducing merge conflicts by 25% and accelerating deployment cycles.
  - Designed role-based access control (RBAC) for recruiters, enhancing data security compliance by 30% and reducing unauthorized access incidents to zero.
  - Created 50+ test scripts and cases using Jest, achieving 95% test coverage and cutting post-deployment bugs by 25%.
  - Provided troubleshooting support for field personnel, resolving 50+ critical bugs and improving system reliability by 35%.
  - Migrated legacy candidate data to MongoDB with Python scripts, improving query speed by 20%.

- **TimeTrak Timesheet & Billing System:**
  - Developed a timesheet approval workflow (React, Node.js, MySQL) that reduced invoice processing time by 30% and eliminated 15+ hours/month of manual work.
  - Automated PDF invoice generation using Node.js libraries, ensuring 100% compliance with client billing requirements.
  - Integrated JWT authentication for secure API endpoints, achieving zero security breaches during tenure.

EDUCATION

University of the Cumberlands, Williamsburg, KY – *Master's Degree | Artificial Intelligence*

Expected August 2026

San Francisco State University, San Francisco, CA - *Bachelor's Degree | Computer Science*

Graduated December 2022

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CCP) – Obtained [Sep, 2024]