Hariharan Panda

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GitHub | **HackerRank** | **LinkedIn**

Professional Summary

Software Engineer with 3 years of experience in full-stack development, specializing in ReactJS, Node.js, Spring Boot, and MongoDB. Proven ability in developing scalable applications and integrating payment gateways and machine learning models. Experienced in cloud-based infrastructure (Azure) and agile methodologies, ensuring efficient development and deployment. Enthusiastic about delivering high-performance solutions that drive business growth.

Technical skills

- **Programming Languages**: Java, JavaScript, Python, TypeScript

- **Web Development**: ReactJS, Node.js, Next.js, HTML, CSS

- **Databases**: MongoDB, SQL

- **Frameworks & Tools**: Spring Boot, Hibernate, Selenium, Azure

- **Other Skills**: RESTful APIs, WebSockets, Agile (Scrum)Professional Experience.

Professional Experience

Reliance Industries, Jamnagar — Software Development Intern (June 2022 - Sep 2022)

• Spearheaded the development of a prototype for an Electronic Assets Maintenance System, streamlining maintenance procedures.

• Formulated a scalable database schema, thereby enhancing the efficiency of data management.

• Optimized system performance by 15% through the implementation of code refactoring and optimization techniques.

• Utilized technologies such as React.js, Node.js, MySQL, and Swagger UI.

HighRadius Technologies — Product Engineering Intern (Jan 2022 - Apr 2022)

• Pioneered the creation of an innovative invoice management dashboard utilizing React.js and Material UI.

• Integrated a Flask-based ML model to accurately predict payment dates with an impressive 85% precision.

• Constructed secure APIs using J2EE Servlets to facilitate seamless data processing and reporting.

• Employed advanced technologies to drive innovation and efficiency in product development.

Projects

AI-Driven Chatbot for Portfolio Website

- Crafted an interactive chatbot seamlessly integrated with MongoDB to store and retrieve predefined and user-generated responses.

- Implemented cutting-edge AI algorithms for response generation to elevate user engagement and optimize interaction efficiency.

- Incorporated WhatsApp messaging functionality for instantaneous communication, enabling users to promptly receive responses.

Invoice Management Dashboard

- Constructed a state-of-the-art invoice system utilizing ReactJS to deliver an intuitive and responsive user interface.

- Integrated a sophisticated machine learning-powered payment prediction model, enhancing forecast accuracy by an impressive 85%.

- Engineered secure REST APIs leveraging J2EE Servlets for seamless data processing and transaction management.

Scalable E-Commerce Website

- Architected and developed a comprehensive e-commerce platform using Next.js to ensure a seamless and delightful shopping journey.

- Implemented the robust Stripe payment gateway for secure and streamlined online transactions.

- Enhanced performance and scalability to guarantee a fluid user experience even under substantial traffic loads.

Cloud-Based Task Management System

- Developed a sophisticated task management web application utilizing Spring Boot and ReactJS, empowering teams to efficiently track and oversee tasks.

- Integrated real-time notifications through WebSockets, fostering enhanced team collaboration.

Deployed on Microsoft Azure to ensure unparalleled availability and scalability.

Education

• Primary and Secondary Education — **KD Ambani Reliance Foundation School**

• Bachelor of Technology in Computer Science Engineering — **Kalinga Institute of Industrial Technology (2019 - 2024)**

• Online Master of Business Administration — **Vellore Institute of Technology (2024 - 2026)**

Certifications

• Google Cloud Computing Summer internship

• Machine Learning — Coursera