Naman Vashishtha

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Summary

Software engineer with expertise in Java, Python, AI-ML, and JavaScript. Adept at managing end-to-end SDLC processes and delivering efficient, scalable solutions. Skilled in collaboration, problem-solving, and technical documentation.

Education

Bharati Vidyapeeth College of Engineering, New Delhi B.Tech (EEE), 8.8 CGPA (July 2019 - June 2023)

Technical Skills

Backend:	Java (JSON, REST API, Servlets), Python, AI-ML, LoRaWAN
Frontend:	JavaScript, HTML 5, CSS, React.js, Redux.js
Database:	PostgreSQL, MSSQL
Tools:	Git, GitHub, SVN, VS Code, Eclipse, IntelliJ, Postman

Experience

Software Engineer - Zenner Connect, Germany
April 2025 – Present

- Spearheading development of scalable web applications from scratch using Python and React.js, enabling real-time data interaction and analytics.
- Architected RESTful APIs in Python and integrated with dynamic React frontends, enhancing responsiveness and user experience.
- Collaborating closely with cross-functional teams to define user requirements and deliver robust, end-to-end solutions.

Software Engineer - inMorphis Services
December 2024 – March 2024

- Developed scalable applications using JavaScript, enhancing process efficiency by 30%.
- Designed and optimized BPM workflows, reducing processing time by 25%.
- Automated business tasks, cutting manual effort by 40% and boosting accuracy.
- Integrated REST and SOAP APIs to improve system interoperability by 35%.
- Used ServiceNow for server/client scripting and Flow Designer to optimize complex workflows by 30%.

Software Engineer - Newgen Software
January 2023 – December 2024

- Led development of an Invoice Management System using Java and SQL, reducing manual workload by 80% and increasing client satisfaction by 70%.
- Automated DuckCreek Portal processes using Java and JavaScript, boosting claim settlement efficiency by 60%.
- Integrated over 50 APIs for folder creation, data population, and cabinet connectivity.
- Built applications from scratch and delivered client presentations that increased satisfaction scores by 25%.

Projects

IDP Accelerator (Newgen) — Full-Stack Development
Tech Stack: Java, JSON, REST API, MSSQL, CSS, JavaScript

- Built frontend in React.js (500+ form enhancements); backend in Java (20+ JSON extractions, servlets, APIs).
- Managed 15+ SQL tables; implemented robust OCR zone-based extraction increasing accuracy by 85%.
- Resolved 1000+ bugs; optimized code via Sonarqube and Acunetix, reducing vulnerabilities significantly.

Wind Power Forecasting — ML-Based Energy Prediction System
Tech Stack: Python, PostgreSQL, CSS, HTML, JavaScript, React.js, Machine Learning

- Built predictive UI with 70% accuracy; used 17,000+ row SCADA dataset for model training.
- Applied regression/classification models and feature engineering for optimal performance.
- Published a research paper based on findings and implementation.

FNOL Accelerator (Newgen) - Frontend and Backend Development
Tech Stack: Java, JSON handling, REST API, CSS, JavaScript, XML Handling

- Architected a portal for auto-populating customer policy details and generating claim numbers.
- Worked on NewgenOne to automate business rules and process flow.
- Consumed over 25 REST APIs and performed complex JSON parsing to extract and display user details on the frontend.
- Leveraged Newgen APIs to generate XML payloads and implemented REST API for claim number generation.