

SHASHANK KUMAR NAMDEO

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Bhopal, India

PROFILE SUMMARY

Entry-level Software Engineer and AI/ML undergraduate with hands-on experience in Python, Django, and AWS. Skilled in building scalable backend systems, REST APIs, automation pipelines, and cloud-native solutions aligned with digital transformation, data management, and business process optimization for productivity and operational excellence.

SKILLS & COMPETENCIES

- **Development** - Python, Django, RESTful APIs, API Integration, Backend Architecture, Automation, Selenium, Microservices
- **Cloud Devops** - AWS EC2, AWS RDS, AWS S3, AWS IAM, AWS Elastic Beanstalk, AWS CloudWatch, Docker, Cloud Deployment, Scalable Systems, Infrastructure Monitoring
- **Databases** - PostgreSQL, MongoDB, SQL, Data Modeling, Query Optimization, Data Management
- **AI ML Analytics** - AI/ML Concepts, Generative AI, Data Analysis, Algorithmic Logic, Predictive Analytics
- **Tools Practices** - Git, GitHub, Linux, Logging, Error Handling, Unit Testing, CI/CD Basics, Fault Tolerance, Agile Methodologies

EXPERIENCE

Software Engineer – Project Experience | Independent & Academic Projects | Bhopal, India | During B.Tech (2022 – Present)

HireIQ – AI-Driven Job Application Automation Platform

Python, Django, Selenium, Generative AI, PostgreSQL, AWS RDS, AWS Elastic Beanstalk, REST APIs

- Built an end-to-end automation pipeline improving productivity by reducing manual job search effort by 70–80%.
- Implemented scalable multi-worker architecture for data extraction, resume matching, and workflow automation.
- Designed secure RESTful APIs with authentication, logging, retries, and fault-tolerant database workflows.
- Deployed on AWS enabling scalable infrastructure, operational reliability, and data-driven decision support.

IntelliTrade – Automated Trading & Analytics System

Python, Django, AI/ML, Data Analysis, Kotak Securities API, Zerodha API, AWS, REST APIs

- Developed an AI-powered trading platform supporting multi-asset analytics and automated decision workflows.
- Integrated external APIs for real-time data ingestion and automated trade execution.
- Built scalable backend services for data processing, monitoring, and performance analytics.
- Deployed on cloud infrastructure ensuring secure data management and low-latency operations.

NeuroLearn – AI-Based Personalized Learning Platform

Generative AI, Django, React Native, AWS, PostgreSQL, REST APIs

- Architected an AI-driven platform delivering personalized learning paths to improve user productivity and outcomes.
- Applied AI/ML to adapt content dynamically, enhancing engagement and learning efficiency.
- Built scalable backend systems with secure APIs, validation, and optimized database performance.
- Developed cross-platform mobile access supporting seamless digital learning experiences.

EDUCATION

Bachelor of Technology – Artificial Intelligence & Machine Learning

LNCT Group of Colleges, Bhopal | 2022 – 2026

CERTIFICATIONS

- **AWS Certified Cloud Practitioner** – Amazon Web Services
- **Wipro TalentNext – .NET Full Stack Developer** – Wipro Limited