

VIGNESH KUMAR N

Software Developer

CONTACT

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EXECUTIVE SUMMARY

Detail-oriented professional with strong foundations in Python Full Stack development, SQL, MySQL, Power BI, Excel, and AWS fundamentals. Skilled in analytical problem-solving through experience in cybersecurity and digital forensics, including incident response, threat detection, and data analysis. Adept at debugging, workflow optimization, and working with system-driven environments. Completed multiple Forage simulations applying real-world software, data, and technical solutions. Bringing strong logical reasoning, technical documentation skills, and a system-level approach to software development.

PROFESSIONAL EXPERIENCE

Field Analyst in ReadyAssist (HQ) - 24 Hrs Bike & Car Breakdown Service, Bengaluru

ReadyAssist, Bengaluru, India | June 2025 – August 2025

- Performed data-driven field investigations to validate insurance claims, applying analytical thinking and logic similar to debugging and root-cause analysis.
- Reviewed and cross-verified evidence and documents, identifying patterns, inconsistencies, and anomalies using systematic problem-solving approaches.
- Documented case findings in digital case-management software, reinforcing experience with SaaS tools, workflow systems, and accurate data handling.
- Captured and organized multimedia evidence with proper metadata, strengthening understanding of digital data integrity and structured documentation.
- Used GPS-enabled applications and digital investigation platforms, gaining familiarity with backend data flow, UI/UX behavior, and system interactions.

Junior Forensic Analyst internship in State Forensic Science Laboratory, Goa

State Forensic Science Laboratory, Goa | June 2024 – July 2024

- Processed digital and physical evidence using specialized forensic tools, strengthening familiarity with data extraction, structured documentation, and working within system-driven environments.
- Documented analytical results, observations, and case findings in standardized digital report systems and accurate data handling.
- Maintained laboratory tools, followed quality assurance protocols, and ensured data integrity throughout the examination process

SKILLS

Frontend Development – HTML5, CSS3, JavaScript. | Framework – React JS & Bootstrap.

Backend Development – Python + Django

Database Management – MySQL | Development Tools – Visual Studio Code

Documentation and Office Tools – Microsoft Word, Microsoft Office & Microsoft PowerPoint.

Cloud – Amazon Web Services (AWS) Basics.

PROJECTS

Web-Based EXIF Data Extraction Tool | Python (Flask/Django), HTML, CSS, JavaScript | Extracts image EXIF metadata and generates structured PDF reports for forensic analysis.

Weather Forecast Web Application | React.js, JavaScript, HTML, CSS, OpenWeatherMap API | Displays real-time weather data and a 5-day forecast using API integration.

E-Commerce Web Application | HTML, CSS, JavaScript | Provides product listings, cart features, and responsive UI for online shopping.

SOFT SKILLS

Effective Technical & Non-Technical Communication | Strong Attention to Detail in Code, Documentation, and Technical Research | Fast, Data-Driven Decision-Making | Analytical & Logic-Based Problem Solving | Adaptability in Dynamic Development Environments | Proactive Ownership & Accountability | Collaborative Team Mindset. **Remote-Ready:** Self-motivated, technically equipped, and capable of working efficiently with stable connectivity.

EDUCATION

MSc in Forensic Science (Digital Forensics Specialization),

Kristu Jayanti College, Bengaluru | 2023–2025 | CGPA: 8.2

BSc (Hons) in Forensic Science

Kalasalingam Academy of Research & Education , Krishnan Kovil 2020–2023 | CGPA: 8.48

TRAINING

Python Full-Stack Developer Training | Besant Technologies, HSR Layout, Bengaluru

Completed comprehensive training covering Python programming, web development, SQL, frameworks, and real-time project implementation.

Virtual Internship Experience

30-Day Full Stack Development MasterClass, NoviTech R&D Pvt. Ltd.

Hands-on training in React.js, Node.js, Express.js, MongoDB, APIs, and full-stack project development.

Software Development & Full Stack | Datacom – Software Development Job Simulation (Forage)

Gained hands-on experience in debugging, improving UI/UX, identifying root causes of issues, and applying modern web development practices.

Fundamentals of AI-Enabled Full-Stack Development – WsCube Tech

Learned AI-integrated full-stack workflows, ML model/API integration, intelligent automation features, and modern frontend-backend coordination.

AWS Solutions Architect Job Simulation (Forage)

Designed scalable and secure architectures, improved system reliability, and analyzed infrastructure issues such as downtime and performance bottlenecks.

Verizon – Cloud Computing Job Simulation (Forage)

Completed VPN testing simulation and presented secure cloud application approaches, applying Python in real-world cloud contexts

Cybersecurity Job Simulation (Forage)

Hands-on experience with Identity & Access Management (IAM), RBAC, MFA, and user lifecycle management.

BCG – GenAI Consulting Job Simulation

Exposure to generative AI solutions, data analytics workflows, and client-focused problem-solving.

Deloitte – Job Simulation Certificate

Practical experience using Tableau & Excel to solve business problems and present analytical insights.

CERTIFICATES

AWS Cloud Practitioner Essentials – AWS

WS Technical Essentials –AWS

Essentials of Prompt Engineering – AWS

Python Essentials – Cisco

Penetration testing and threat hunting – IBM

Python for Absolute Beginners – EC-Council

Ethical hacking essentials – EC-Council

Network Defense Essentials – EC-Council

Digital forensics essentials – EC-Council

SQL Certification – HackerRank