

VINAY KUMAR K M

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Personal Statement

Aspiring Software Engineer with a strong drive to grow in a dynamic and challenging corporate environment. I aim to work alongside dedicated professionals to gain valuable experience and sharpen my skills. Passionate about innovation, problem-solving and continuous learning in the ever-evolving world of technology. Eager to maximize my potential while contributing meaningfully to organizational success.

Education

B.E Vidya Vikas Institute of Engineering and Technology, Mysuru <i>Information Science and Engineering – 8.97 CGPA</i>	2021-2025
Government PU College, Bannur <i>Class 12 – 82.66%</i>	2019-2021
Rotary High School, Malavalli <i>Class 10 – 92.16%</i>	2016-2019

Technical Skills

Programming: Python (OOP, Advanced), SQL

Frontend: HTML5, CSS3, JavaScript (ES6+), Bootstrap

Soft Skills: Problem Solving, Communication Skills, Team management, Fast Learner, Dedicated, Creativity

Framework: Django, Flask

Python Expertise:

- Having extensive knowledge in Python programming
- Good at solving problems using Python logic
- Good in OOP concepts, Exception handling, File handling and Modules
- Worked on topics like Decorators, Iterators, Generators
- Knowledge on frameworks like Django, Flask
- Written around 500–600 programs on the above topics

Internships

Python Web Developer Intern ICT Academy	Sep 2024 - Oct 2024
<ul style="list-style-type: none">• Gained practical knowledge of Python web development with a focus on backend logic and database integration.• Learned to build dynamic web applications using Flask, implementing features like authentication, item listing, and real-time bidding.• Improved understanding of web frameworks, project structuring and deployment practices.• Additionally, developed small projects using the Django framework to strengthen hands-on experience in full-stack development.	

Python Full Stack Developer Intern Py-Spiders, Basavanagudi	Mar 2025 - Sep 2025
<ul style="list-style-type: none">• Gaining hands-on experience in Python Full Stack Development with focus on frontend, backend and database integration.• Learning to build dynamic web applications using Python, Django/Flask, HTML, CSS, JavaScript and SQL.• Practicing Python concepts like OOP, Exception Handling, File Handling and Modules in real-time projects.• Exploring Python libraries and frameworks to implement features like data handling, form validation and server-side logic.	

Projects

The Online Auction System

12 Oct 2024 – 14 Oct 2024

- Designed and developed a Flask-based auction platform enabling real-time bidding functionality.
- Implemented user registration, secure authentication and item listing modules for a complete marketplace experience.
- Built the live bidding feature with dynamic updates to track auction progress.

Route-Genie: AI-Optimized Rides and Deliveries

22 Feb 2025 – 28 May 2025

- Developed a React Native-based ride-sharing and delivery app with AI-driven route optimization.
- Implemented dynamic pricing algorithms and real-time route suggestions to improve efficiency.
- Integrated backend services with a cloud-hosted MySQL database (Hostinger) and PHP APIs for seamless data flow.
- Focused on enhancing user experience through a clean UI and smooth booking process.

Certificates

Python Web Developer – Infosys Foundation (Certificate).

Languages Known

Kannada – Native Proficiency

English – Full Professional Proficiency

Hindi – Limited Working Proficiency