

Bhavesh Nankani

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EDUCATION

University of Greenwich

Bachelor of Engineering in Software Engineering (First Class Honours)

London, United Kingdom

September 2022 - May 2025

WORK EXPERIENCE

Student Centre Advisor

University of Greenwich

August 2025 - September 2025

London, United Kingdom

- Solved complex student issues by collaborating with IT and Finance teams to investigate and resolve technical and financial problems.
- Achieved a 90% first-contact resolution rate by handling high-volume requests with accuracy, clarity, and user-focused communication.

UK Student Recruitment Ambassador

University of Greenwich

July 2024 - September 2025

London, United Kingdom

- Reduced the team's email backlog by 25% during peak recruitment cycles by streamlining workflows and managing 80+ daily emails and 40+ calls.
- Assisted the recruitment team during the peak university clearing period, providing support to prospective students across both live chat and phone channels.

PROJECTS

GrowAhead | *Next.js, TypeScript, Node.js, PostgreSQL, AWS Elastic Beanstalk, AWS RDS, Vercel*

September 2025

- Developed a full-stack fintech simulation platform with 3 investment strategy models (5%, 8%, 12% returns), with interactive dashboards using Recharts and precision financial algorithms calculating 1-10 year portfolio projections.
- Developed a secure RESTful API with 15+ endpoints using Node.js/Express, implementing JWT authentication, bcrypt hashing, Joi validation, and rate-limiting middleware for robust financial data processing.
- Implemented a CI/CD pipeline with GitHub Actions to automate deployment across a hybrid-cloud infrastructure, which ran 51 Jest tests for validation and reduced deployment time by 90%.

VisionTech | *Python, Flask, Google Gemini AI, MongoDB, JavaScript, React.js, Vercel, Render*

April 2025

- Developed a production-ready Python/Flask API that connects with Google Gemini, managing prompt engineering and user context to deliver relevant product recommendations.
- Built a component-based frontend using React, featuring a Design System of 31 reusable components to ensure a consistent and responsive UI/UX.
- Designed a MongoDB product knowledge base to store inventory data, optimizing the schema so that the Gemini model could retrieve accurate specifications for user queries.

JavaChatApp | *Java, Swing, Sockets, Multi-threading, Azure DevOps*

March 2024

- Built a multi-threaded Java server using core Object-Oriented Programming (OOP) principles, implementing design patterns like MCV and Observer to create a maintainable and scalable code structure for over 20 concurrent clients.
- Established a quality assurance process by designing and implementing a comprehensive unit testing suite to systematically identify and resolve implementation errors, enhancing overall code reliability.
- Leveraged Azure DevOps for CI/CD and version control to enhance team collaboration and project traceability.

CERTIFICATIONS

Technical Support Fundamentals | *Google*

August 2023

Java (Basic) | *HackerRank*

September 2023

The Bits and Bytes of Computer Networking | *Google*

August 2024

TECHNICAL SKILLS

Languages: Python, Java, TypeScript, JavaScript, C/C++

Cloud, DevOps & Tools : AWS, Azure DevOps, Vercel, Render, GitHub Actions (CI/CD), Git, Postman

Databases & Frameworks: MongoDB, PostgreSQL, MySQL, React, Next.js, Node.js, Flask,

Relevant Coursework: Paradigms of Programming, Advanced Data Structures and Algorithms, Software Engineering Management, Computer Networks, Human Computer Interaction, AI and Machine Learning