

Pranav Subash

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BRIEF

Explore an interactive, LLM-enabled version of my resume at www.pranavsubash.com — A Linux-inspired CLI with a built-in AI assistant to ask queries in natural language. Also supports standard terminal commands.

EDUCATION

King's College London	London, UK
<i>Bachelor of Science, Computer Science (BSc Hons), On track for a First Class</i>	<i>Sep 2023 — Jun 2027</i>
University of California, San Diego (UCSD)	San Diego, USA
<i>Study Abroad Programme, Computer Science</i>	<i>Sep 2025 — Jun 2026</i>
Global Public School	Kochi, India
<i>A Levels: Computer Science (A*), Mathematics (A*), Physics (A*), Chemistry (A*)</i>	<i>Apr 2023</i>

TECHNICAL SKILLS

Programming Languages & Frameworks: Python, Java, C++, Scala, TypeScript, SQL, Django, React, Playwright, SwiftUI, JavaFX, Node.js, ROS (Robotics)

WORK EXPERIENCE & PROJECTS

HashLynx : Syndicated Loan Settlement Platform	Mar 2025 – Sep 2025
<i>Software Engineer Intern</i>	<i>London, UK</i>
<ul style="list-style-type: none">Accelerated blockchain loan settlement testing cycles by 80%+ by designing Playwright automation frameworks.Increased release velocity by integrating test coverage into CI/CD pipelines, reducing deployment friction.Improved platform reliability by surfacing edge-case bugs early, enhancing UI/UX stability for loan trading execution.	
King's College London : KCL TECH	Sep 2024 - Mar 2025
<i>Java Co-lead</i>	<i>London, UK</i>
<ul style="list-style-type: none">Mentored 40+ students in weekly Java programming sessions, sustaining 85%+ retention across the term	
Customer Service Automation (AWS, LLMs) 🤖	Feb 2025
<i>Tech Stack: AWS Lambda, Amazon API Gateway, Amazon Bedrock, AWS S3, Python, Django</i>	
<ul style="list-style-type: none">Reduced student query response times by 85% by integrating large language models into a serverless AWS Lambda system, eliminating delays from email-based workflows.Cut manual triage time 70% by deploying Amazon Bedrock to auto-classify tickets with 92% accuracy and route them via S3-backed storage.Engineered prompt templates and few-shot examples for Bedrock to achieve high classification accuracy, with fallback routing for edge casesEnabled data-driven improvements in university services through an analytics dashboard tracking response speed and satisfaction.	
Automated File Naming System (GPT-4 Vision, macOS app) 📁	Dec 2023
<i>Tech Stack: Custom Tkinter, Python, GPT-4 API, macOS SDK</i>	
<ul style="list-style-type: none">Cut file management overhead by 95% in production testing (500+ files) with a MacOS app that automated file naming across 10+ formats.Improved content discoverability by processing visual elements through GPT-4 Vision API, generating filenames with 96% relevance.Reduced search time for desktop files from minutes to seconds, streamlining workflows for large datasets.	

EXTRACURRICULARS

First Place - Web Development Hackathon

Nov 2023

Tech Stack: React, Node.js, Express, MongoDB, HTML/CSS

London, UK

- Delivered a full-stack survey submission system in 5 days using React/Node/MongoDB, exceeding project requirements.
- Secured first place among 15+ teams for superior UX design and comprehensive functionality.

First Place - Tech-Ed PyTorch Coding Competition

Dec 2022

Tech Stack: Python

Kochi, India

- Qualified through advanced logic and math puzzles, demonstrating adaptability and problem-solving speed.
- Outperformed competitors in a time-constrained coding relay, delivering efficient, accurate solutions under pressure.

Leadership - Student Council

Jun 2022

Global Public School

Kochi, India

- Elected by over 300 peers after running a campaign; managed 15-student team executing school-wide projects
- Raised \$3,000 in sponsorships from 12 local businesses for sustainability initiatives

ADDITIONAL

Self-Study: Currently diving into machine learning by reading "Hands on Machine Learning with Sci-Kit Learn and TensorFlow". Actively practicing data structures and algorithms (solved 50+ LeetCode problems).