

Padmavathi Karthikeyan

London, UK
Email: padhukarthi17@gmail.com
Mobile: +447555584361
Linked In GitHub Portfolio

PERSONAL STATEMENT

As an aspiring Google Cloud Platform (GCP) / DevOps Engineer, I hold a Master's in Business Administration and a Bachelor's in Computer Application. Recently, I completed the Google Cloud Engineer Bootcamp, the Katalyst Programme, gaining a deep understanding of Google Cloud Platform and Cloud fundamentals. I have done the Software Development Bootcamp and gained hands-on experience in web development programming languages by carrying out responsiveness projects and a personal portfolio. I am passionate about analysing and solving complex business challenges with technology. I am comfortable working with all levels of stakeholders and possess strong communication skills. I am confident in fulfilling the expectations of organisations that leverage the Google Cloud Platform and leading-edge technologies to achieve their goals and continuous growth.

KEY SKILLS

- Excellent skills in Python, writing programs to integrate with Linux system admin and MySQL during Generation and JustIT training
- Experienced using Linux operations (CentOS), administration by CLI, Oracle VM VirtualBox, Bash scripting
- Ability to analyse and evaluate essential information to identify practical solutions, including streamlining processes to increase production line efficiency
- Rapidly developing skills in Google Cloud (GCP), Terraform, Kubernetes, containerisation, Deployment Models, Architectural Components and CI/CD pipelines practice
- Understanding of networking and network security concepts, TCP/IP, DNS, IPv4 addressing, subnets and CIDR, OSI models and protocols, routing and troubleshooting, malware types, intrusion, firewall, password hashing and the importance of good passwords
- Exceptional communication and interpersonal skills with the ability to liaise with clients and team members at all levels
- Competent in remaining calm and professional when problems arose and flexible when working with my group peers during the Google project

EXPERIENCE

Trainee Google Cloud Platform Engineer, Generation UK & Ireland, London, August 2023 - November 2023

Engaged in the Katalyst programme, I completed a 12-week Google Cloud Engineer bootcamp conducted in collaboration with Google Cloud. This immersive experience equips me with in-depth technical expertise in Cloud Computing fundamentals and comprehensive knowledge of Google Cloud products and services.

- Obtained practical expertise in Google Cloud operations and the fundamentals of Cloud Computing, Linux, Networking, Security, Python Programming, and Linux Systems Administration through hands-on experience
- Participated in a successful group presentation for the Kobayashi Maru simulation project, gaining confidence in the adept application of Google Cloud products and services to meet the specific needs of Google's customers. Our group's recognition as winners and the acquisition of valuable feedback following the presentation underscored my ability to deliver tailored, effective solutions
- Successfully achieved Google Cloud Certified Cloud Digital Leader certification, marking the initial step in my cloud journey, demonstrating dedication and proficiency in cloud technologies
- Facilitated team-building activities and breakout sessions with peers during Linux and Python labs, fostering collaboration and enhancing problem-solving skills
- Actively working towards obtaining the Google Cloud Certified Associate Cloud Engineer certification, showcasing a comprehensive understanding of Google Cloud Platform technologies and services



Trainee Software Development, Just IT Training Ltd, London, October 2022 - February 2023

Successfully completed a 12-week Software Development bootcamp, gaining practical expertise in System Development Lifecycle, HTML5, CSS3, Vanilla JavaScript, Database Design, and Python programming within a dynamic learning environment.

- Developed proficiency in using the VS Code IDE to create diverse projects, including a Restaurant Menu, A Simple Calculator, a Flip Card, a Price Table, and a Song Database. These hands-on experiences showcased adaptability and skill in software development
- Acquired proficiency in configuring GitHub with VS Code IDE for source code storage
- Participated in team-based activities during the bootcamp, collaborating with peers to deploy code and resolve bugs efficiently
- Designed and built a Personal Portfolio Website with key sections including Home, About (featuring Skills and Education), Projects, and Contact, showcasing proficiency in web development

EDUCATION

Generation UK & Ireland, London

(August 2023 - November 2023)

Cloud Digital Leader certification

Master of Business Administration with Advanced Practice (MBA) in General - Ulster University, London Cumulative GPA: 3.0 (January 2021 – September 2022)

- Obtained a comprehensive education in diverse business fundamentals encompassing Digital Transformation, Management Studies, Leadership and Change, Accounting, Innovation and Entrepreneurship, Economics, Strategy, and Marketing, blending coursework with practical hands-on projects
- Collaborated on group projects and individual assignments, conducting thorough research into both macro and micro aspects of chosen organizations. Analysed competitor landscapes and delivered assignments in alignment with specific criteria, fostering valuable problem-solving and time-management skills
- Successfully completed a dissertation focusing on contactless and online debit & credit card scams and a Consultancy Project centred on business expansion into new markets. These academic achievements demonstrated expertise in security and strategic business planning

Bachelor of Computer Application (BCA) in Computer Science - Idhaya College for Women, Bharathidasan University, India, Cumulative GPA: 4.25 (June 2008 – May 2011)

 Acquired a solid technical foundation, mastering programming languages such as Java, C, C++, Database Systems, Visual Programming, PHP, Scripting Languages, and Operating Systems, reflecting comprehensive expertise in computer science and software development

Christ The King Matriculation Higher Secondary School, India (June 2005 – March 2008)

- Equivalent of A-level Qualifications including English, Maths and Computer Science (Grade A)
- Equivalent of GCSE Qualifications including English, Maths and Computer Science (Grade B)

INTERESTS

Dedicated to maintaining physical fitness through regular exercise, enhancing strength and endurance. Committed to ongoing self-improvement, I avidly explore and acquire new technical and soft skills through platforms like Udemy, which I consider crucial for my career growth. I find great satisfaction in staying updated with the latest developments in cloud computing and other technical fields, and applying this knowledge to real-world situations to drive innovation and efficiency.

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