

KARTHIK THYLOOR MAHESH

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OBJECTIVE

Master's student in Cloud Native Computing with hands-on experience in backend development, RESTful APIs, Docker, and CI/CD pipelines. Strong foundational knowledge of AWS services, Linux systems, and troubleshooting. Eager to contribute as a Cloud Support Engineer by providing world-class support and scalable cloud solutions that empower customer success in dynamic, mission-critical environments.

ACADEMIC QUALIFICATION

Master of Science in Cloud Native Computing Technological University of the Shannon, Athlone Co. Westmeath	<i>Expected sep 2025</i>
Bachelor of Engineering in Electronics and Communication Global Academy of Technology Bengaluru, India	<i>Graduated sep 2023</i>
Diploma in Electronics and Communication PES Polytechnic, Bengaluru, India	<i>Graduated Oct 2020</i>

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, S3, IAM, Lambda – basic knowledge), Cloud Deployment

Programming Languages: Java, Python, JavaScript, C++ (Basic)

Operating Systems: Linux (Ubuntu, Amazon Linux), Windows

DevOps & Tools: Git, Maven, Docker, Jenkins

CI/CD: GitHub Actions, Jenkins (Basics)

Frameworks: Spring Boot, Hibernate

Web Tech: HTML5, CSS3, JavaScript, PHP

APIs: RESTful API development

Database Technologies: MySQL, MongoDB (NoSQL)

Version Control: Git, GitHub

INTERNSHIP EXPERIENCE

Backend-Development (Java&Python) Intern Rooman Technologies, Bengaluru	<i>Jun 2023 – Sep 2023</i>
<ul style="list-style-type: none">Developed and maintained backend services for real-time web applications.Contributed to RESTful API development and database management using MongoDB and MySQL.Participated in peer code reviews, improving software quality and performance.Applied knowledge of data structures and software design patterns in production code.	

Full-Stack Web Development Intern KnowX Innovations, Bengaluru	<i>Aug 2022 – Sep 2022</i>
<ul style="list-style-type: none">Built a Student Result Management System using Java, HTML, CSS, PHP, and MySQL.Designed and integrated REST APIs to connect front-end and back-end systems.Performed unit testing with JUnit to ensure code reliability.Worked with Agile practices and Git for version control and collaboration.	

PROJECT EXPERIENCE

Hand gesture-controlled wheel chair , Global Academy of Technology.	<i>Dec 2022 – Feb 2023</i>
<ul style="list-style-type: none">Built a gesture-controlled wheelchair system using Arduino, Android, and REST APIs.Incorporated real-time movement tracking using sensors and signal processing.Technologies: Java, Machine Learning, REST, Embedded Systems	
Smart School Bus System , PES Polytechnic	<i>Jan 2020 – Jun 2020</i>
<ul style="list-style-type: none">Developed GPS tracking and RFID attendance for school buses.Sent real-time notifications to parents via cloud services.Technologies: IoT, GPS, Cloud, Embedded Systems	