K PURUSHOTHAM SHENOY

Karkala, Udupi , Karnataka-574104 | ✉ **Email** | 🔗 **LinkedIn** | 🖥 **GitHub** | 📞 **9380555507**

EDUCATION

Masters Of Computer Application (MCA) – 8.93 CGPA [Sep 2023 – Jun 2025]
Nitte University – NMAM Institute Of Technology, Nitte

Bachelors Of Computer Application (BCA) – 9.29 CGPA [Sep 2020 – Aug 2023]
Mangalore University – Sri Bhuvanendra College, Karkala

PUC Science (PCMC) Sri Bhuvanendra College, Karkala **(88.16%)** [May 2018 – Apr 2020]

SSLC (Karnataka State Board) SB High School, Karkala **(88.48%)** [May 2017 – May 2018]

CERTIFICATIONS & TRAINING

Oracle Certified Foundations Associate - Oracle
Career Essentials in Generative AI by Microsoft and LinkedIn – Microsoft
The Fundamentals Of Digital Marketing – Google Digital Garage
Google Analytics – Google Analytic Academy

PROJECTS

Net-Explorer Learning Lab
- Developed an interactive Flask and Docker platform to simulate live networking environments.
- Automated container provisioning using Python's subprocess for hands-on lab exercises.
- Integrated AWS S3 via boto3 to automatically archive performance reports.

AWS Cloud Implementation
- Created and managed EC2 instances using PuTTY for SSH access.
- Configured IAM roles and policies to ensure secure access control.
- Integrated S3 buckets for file storage, versioning, and retrieval.

Expense Tracker
- Developed a full-stack expense tracking application using Flask and MySQL.
- Implemented secure user login and session management functionality.
- Designed a responsive user interface using HTML, CSS, and JavaScript.
- Enabled efficient recording and management of daily financial transactions.

INTERNSHIP / WORK EXPERIENCE

Electronics & Software Development Intern | Experimind Labs Pvt Ltd, Nitte [Jan 2025 – May 2025]
- Tested IoT hardware functionality, including NodeMCU modules and circuit connections.
- Verified real-time integration between embedded hardware and web interfaces.
- Diagnosed connectivity issues to support smooth IoT prototype development.

Software Engineer Intern | Micro Degree [Sep 2025 – Dec 2025]
- Acquired fundamental knowledge of AWS Cloud services.
- Analyzed digital marketing strategies to optimize web traffic and user engagement.

TECHNICAL SKILLS

Languages	: Python, SQL
Web Development	: HTML, CSS, Bootstrap
Tools	: Git, GitHub, VS Code, Canva, Power BI
Cloud Technologies	: Amazon Web Services(S3, EC2, IAM, EBS, EFS)
Containerization	: Docker (Image Creation, Container Management)
Operating System	: Windows, Linux
Database Management	: MySQL, DBMS
Networking	: Network Fundamentals, Protocols, OSI Model, IP Addresses