# PUNEETH S

✉ XXXXXX@gmail.com   📞 XXXXXXXXX   📍 Bengaluru, India   in puneeths   🔗 portfolio   ○ puneethsgit

## EDUCATION

**Bachelor of Engineering**                                         2020 – 2024
**Visvesvaraya Technological University**                       Bengaluru, India
Computer Science Engineering

## SKILLS

**DevOps Tools:** AWS, Docker, Jenkins, Linux, Bash, Git/Git-Hub, Terraform, Ansible, Kubernetes

**Languages:** Java, Javascript, Python

**Frontend:** HTML, CSS, Bootstrap, React.JS, Tailwind

**Backend:** Node.Js, Express.Js, Restful API, Mongodb, SQL

## PROJECTS

**DEVOPS** ⧉
**CI/CD Pipeline for Java Applications**
- Implemented **CI/CD pipeline** for Maven-based Java app using Jenkins, & Kubernetes for automated build, test, & deployment.
- Integrated **SonarQube** for continuous code quality checks and automated Kubernetes deployment via **ArgoCD**.
- Configured **Prometheus** and **Grafana** for real-time monitoring, log aggregation, and performance visualization.

**Containerized MEAN Stack Deployment & Monitoring on AWS**
- Deployed MEAN stack app on AWS **EC2** using **Docker Compose** with automated monitoring via Bash scripts and Crontab.
- Secured access with **Nginx reverse proxy** and AWS **Elastic IP**, ensuring scalable and efficient traffic management.

**MACHINE LEARNING AND IMAGE PROCESSING** ⧉
**Optic-Guard**
- Developed an AI-based **Glaucoma detection** system using Python, OpenCV, NumPy, Keras, and TensorFlow.
- Designed a Tkinter-based **GUI** for desktop deployment, enabling intuitive user interaction for healthcare professionals.
- Achieved **85% accuracy** and integrated Twilio for real-time SMS alerts to boost patient engagement.

**FULL STACK DEVELOPMENT** ⧉
**Explore-cache**
- Developed a full-stack Airbnb-inspired web app using MERN stack with **MVC architecture** and complete **CRUD** operations.
- Integrated Passport.js for authentication, session handling, and Joi for client/server-side input validation.
- Implemented Mapbox for location, Cloudinary for media storage, and deployed on Render with MongoDB Atlas.

## PROFESSIONAL EXPERIENCE

**TECH MONKS HUB PVT LTD** ⧉                              03/2024 – 05/2024
**JUNIOR DEVELOPER INTERN**                                        Bengaluru
- Built robust backend architectures with Node.js, Express.js, and EJS, optimizing RESTful APIs for 30% faster data retrieval improved system reliability.
- Optimized queries and integrated Redis caching, reducing server response times by 40% and significantly improving application responsiveness.

**FUTURE READY TALENT - MICROSOFT, AICTE** ⧉             07/2023 – 09/2023
**AZURE INTERN**                                                      Remote
- Acquired skills in **Azure Fundamentals** and Web App deploying on Microsoft Azure.
- Built, deployed, and hosted the "Sports-Style-Hub" web application on the Microsoft Azure cloud platform using Azure VM, Nginx.

**VARCONS TECH PVT LTD** ⧉                                05/2023 – 06/2023
**FRONTEND DEVELOPER INTERN**                                      Bengaluru
- Developed a web app using HTML, CSS, Bootstrap, and JavaScript with UI designed in Figma.
- Created a responsive UI ensuring cross-device compatibility and enhanced user experience.

## CERTIFICATES

**Certified in Oracle Cloud Infrastructure DevOps Professional - 2023** ⧉

**Google Cloud Platform Skill Badges** ⧉

**Microsoft Student Ambassador**

**State-Level 24-Hour On-Site Hackathon**