V U Deepakumar

Phone - +91 9403659628   **Email** - deepakumarvu@gmail.com

GitHub - https://github.com/deepakumarvu   **LinkedIn** - https://www.linkedin.com/in/deepakumar-v-u-9ba220166

Portfolio - https://deepakumarvu.github.io/

OBJECTIVE

Results-driven Cloud Engineer with expertise in scalable cloud solutions and a passion for product management. Seeking to leverage technical skills and leadership experience to drive innovation and success.

SUMMARY

Results-driven **Cloud Engineer** with a dynamic background in crafting scalable, **AWS-powered solutions** using **Golang**. Passionately pursuing a fusion of technical acumen and product management enthusiasm. Adept in computer science fundamentals, **API development**, and **mentoring** fellow professionals.

Eagerly seeking avenues to channel technical prowess and leadership finesse into transformative **product innovation**. Thrives on new challenges, is poised to venture into the vibrant realm of **product management**, and is committed to orchestrating **impactful outcomes**.

EDUCATION

B.E. Computer Engineering
Pune Institute of Computer Technology, Pune
August 2015 – June 2019
8.88 CGPA

EXPERIENCE

Cloud Backend Engineer
Espressif Systems, Pune
(July 2021 - Current)
- Lead the design and development of a **highly scalable cloud-based Matter PKI** product by Espressif and delivered the first iteration of the product within **8 weeks**.
- Designed and implemented numerous **highly scalable** and **cost-efficient** cloud **server-less architectures** with a wide range of AWS services.
- Introduced request batching to reduce request **execution time** by **20%** and **costs** by **30%**.
- Implemented **dependency management** in order to completely **eradicate** production build **errors**.
- Introduced package **vulnerability screening** for Golang packages by third parties and updated numerous vulnerable packages.
- **Mentored** junior team members.

Associate Cloud Engineer
Espressif Systems, Pune
(Dec 2020 – June 2021)
- Worked extensively in Golang to develop numerous **features** for RainMaker.
- Identified and promptly fixed a **platinum level** privilege escalation **vulnerability** in RainMaker.
- Discovered various tools for the team to ease the development.

Software developer

UBS, Pune

(July 2019 – Nov 2020)

- Worked extensively in R to process inputs necessary for **risk simulation models**.
- Integrated **DevOps** into our product deployments using Teamcity and Puppet to **reduce deployment time** by **50%** and issues by **90%**.
- Developed R package to extensively **log errors for parallel execution,** which aided in cutting the time spent debugging by **80%**.

SKILLS

- **Programming Languages** - Golang, R, and Python.
- **DBMS** - DynamoDB, TimeStreamDB, Athena, MySQL.
- **Environments** - Mac OS, Linux and Windows.
- **DevOps** - Jenkins, TeamCity, Puppet.
- **AWS** - Lambda, SQS, SNS, API Gateway, Cognito, S3, CloudFront, ECS, CloudWatch, WAF, IoT Core, Kinesis Firehose, AWS Glue, AWS Batch Job, AWS Private CA, AWS Global Accelerator, SAR, SAM, Cloud Formation.

POSITIONS

Vice Chair

Connectivity Standards Alliance

(October 2023 – Present)

- Acting as a Vice Chair of Security Design Tiger Team.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate

Issued June 2022 - Expires June 2025

PROJECTS

Automated Glaucoma detection using CNN

- Detection of glaucoma which is one of the major cause of blindness using image processing and convocational neural network.
- The project was sponsored by **National Institute of Ophthalmology (NIO)**.