

Revanth Kumar Perla

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SUMMARY

- UQ Software Engineering (Hons.) graduate and VC Global Scholarship recipient with 12+ months of IT experience.
- Designed and implemented AWS cloud systems as a Graduate Cloud Engineer at a Queensland-based IT consultancy.
- Developed a tool to test silicon chip firmware (HTML, CSS, Django) at a leading semiconductor manufacturer.
- Helped automate rotors (Electron JS) on ground signal receivers for orbiting satellite alignment at top aerospace start-up.

EXPERIENCE

TechConnect IT Solutions, Graduate Cloud Engineer - Gold Coast, Australia 01/23 – 07/23

- Overview: Collaborated within a 10-member team to develop and integrate cloud systems into clients' software infrastructure.
- AWS: Designed and implemented AWS systems tailored to client requirements, utilising services such as EC2, SNS, SQS, S3, Lambda, and more.
- Quality Assurance: Ensured adherence to quality standards by conducting comprehensive reviews of team members' work.
- Python: Leveraged Python extensively for task automation and the development of functionalities for cloud systems.
- YAML: Utilised YAML as an Infrastructure as Code (IaC) tool to create Serverless Application Model (SAM) templates for deploying stacks.

Dhruva Space, Software Engineer Intern 12/21 – 01/22

- Overview: Contributed to the automation of rotors on ground signal receivers, aligning them with orbiting satellites in a leading Aerospace startup in India.
- Electron JS: Utilised Electron JS libraries to control ground receivers' rotors via serial ports.
- Aerospace: Gained valuable insights into the interaction between satellites and computer systems.

NXP Semiconductors, Software Engineer Intern 03/21 – 07/21

- Overview: Developed firmware testing automation tool for seamless production integration.
- Frontend Development: Developed intuitive UI using HTML and CSS for the automation tool.
- Backend Development: Utilised Django Rest Framework to create web APIs and maintain firmwares.

PROJECTS & CERTIFICATIONS

Future of Meetings - Live Language Translation, University of Queensland - Australia 02/22 – 11/22

- Artificial Intelligence: Contributed to a year-long super thesis in collaboration with the University of Queensland and CSIRO, focusing on live speech translation using Artificial Intelligence technologies.

AWS Solutions Architect - Associate (SAA-03) Validity - 12/23 – 12/26

- AWS: Professional skilled in designing and implementing scalable, secure, and cost-efficient solutions on the Amazon Web Services platform, showcasing expertise in cloud architecture and best practices.

EDUCATION

Bachelor of Engineering - Software (Honours), University of Queensland - Australia 11/22

- Courses: Human Computer Interaction, Machine Learning, Design computing Studios - Build and Proposal, Probability Models and Data Analysis, Computer Systems Principles and Programming

Intermediate Education, Guru Junior College - Hyderabad 06/16 – 03/18

- Was a part of the MPC group in the board of Secondary School Certificate and secured 93%

Class 10, Kalpa School - Hyderabad 06/15 – 03/16

- Was a part of the ICSE board and secured 92.8%
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KEY SKILLS

AWS, Python, YAML, HTML, CSS, React Native, Electron JS, Node JS

ACCOMPLISHMENTS

Vice Chancellors Global Scholarship Award, University of Queensland - Australia

2022

- Recipient of 35% off scholarship for the the entire duration of the degree

Round Table India Association

2018 - 2020

- Raised INR 1 Million (USD 14,000), under the 'Freedom through Education' program
- Funds raised from Cyberabad Convention Centre, Hyderabad - Indian entity of global conglomerate Emaar as part of their Corporate Social Responsibility program (2017-2020)
- Used to build 11 classrooms and a Toilet block in Government Schools for underprivileged kids

INTERESTS

Coffee, Food, Sports (Cricket, Football), Astrophysics