

Dheeraj Nair

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Work Experience

Barclays July 2019 - Present
Software Engineer Pune, India

- Development of AWS cloud platform banking solutions using Golang.
- Implement customer-experience (contact-centre) voice platform to handle upwards of 1,00,000 calls per month.
- Process and verify data for 30,000 agents using a daily collection and verification system.
- Develop Jenkins pipelines for code deployment on AWS cloud.
- Develop monitoring solutions and dashboards for AWS platform to enable detailed call insights and service unavailability notifications.

Software Engineer Intern May 2018 - June 2018
Reliance Jio Mumbai, India

- Develop network analysis tool to predict malicious data packets in network traffic.

Android Developer July 2017 - December 2017
Vellore Institute of Technology Vellore, India

- Develop Diplopia and Glaucoma testing (PeriScreener) applications.
- Develop e-library system for renting out electronic components from college labs.

Education

Vellore Institute of Technology July 2015 - May 2019
B.Tech Computer Science CGPA: 9.29

Achievements

- **Awarded Excellence - Barclays Recognition award** for delivering exceptional results as part of AWS platform projects.
- **Publication on Opinion Mining on Emojis using Deep Learning Techniques** in Procedia Computer Science, Elsevier.
- Recipient of **Summer Research Grant Project - 2017** for the development of a road accident detection device using the concept of VANETs.
- **1st position** at IoT Hackathon organised by Hewlett Packards Enterprises and **3rd position** at Arcs Hackathon organised by IEEE organisation.

Certifications

- [AWS Certified Cloud Practitioner](#)
- [AWS Fundamentals](#) - Specialisation (addressing security risk, migration to cloud, building serverless applications) - Amazon Web Services
- [Python for Everybody](#) - Specialisation (databases, data retrieval, processing, and visualisation) - University of Michigan

Technical Skills

- Languages - Golang, Python, Java (familiar)
- AWS services - Lambda, S3, DynamoDB, CloudFormation, SNS, SQS, Step Functions, Lex
- Developer tools - Git, IntelliJ, Jenkins, Docker, Visual Code, Kibana (familiar)
- Others familiar concepts - Infrastructure as Code, Node.js, Flask