

Aaditya R Krishnan

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ABOUT ME

Experienced Software Developer with a proven track record of 6+ years in developing robust web applications and ensuring cloud security. Skilled in a wide range of technologies, including Python, Django, React, MySQL, PostgreSQL, Git, AWS, and more.

WORK EXPERIENCE

Cloud Security Engineer

Envestnet [7 Dec 2022 – Current]

City: Trivandrum

Country: India

Website: <https://www.envestnet.com>

Name of unit or department: Cloud Security - **Business or sector:** Financial and insurance activities

- Developed and maintained a React and Django application for security monitoring and validation of AWS resources.
- Utilized AWS Lambda to implement CSPM automation, performing security checks on various AWS services.
- Developed the back-end of the application using Django, handling requests from the front-end and communicating with AWS Lambda functions.
- Integrated AWS APIs to gather information about AWS resources and analyze their security posture.
- Implemented a notification system within the application to alert users about security vulnerabilities and malicious activities detected through AWS APIs.
- Collaborated with cross-functional teams, including security professionals and system administrators, to ensure effective security monitoring and response.
- **Skills:** MongoDB · AWS Lambda · AWS API · Django · Python · PostgreSQL · Amazon Web Services (AWS) · React.js

Technical Analyst

Infosys Limited [2 Mar 2020 – 30 Nov 2022]

City: Trivandrum

Country: India

- Modified Token Based Authentication in Microsoft Exchange, resulting in a more secure and reliable email system.
- Developed an admin module for efficient management and administration of services in the broadband sector, improving client satisfaction.
- Introduced automation using Python and Airflow to ensure data integrity, smooth data transfer processes, and proactive system health checks, enhancing overall operational efficiency for the client.
- **Skills:** Visual Basic .NET (VB.NET), C#, PHP, Oracle Database, Pandas (Software), Python, Docker, Apache Airflow, GIT, React.js

Software Engineer

Inapp Information Technology [19 Jan 2019 – 28 Feb 2020]

City: Trivandrum

Country: India

- Developed a web applications using CodeIgniter/ Laravel framework for managing hotel and resort bookings.
- Implemented features such as reservations, availability management, pricing, and payment gateway integration.
- Created an innovative interior design management application allowing users to visualize and plan projects.
- Developed features like room layout configuration, furniture placement, color schemes, and material selection.
- Transitioned to the financial domain, contributing to the development of a robust financial application.
- Handled transactions, generated reports, and implemented security measures.
- Leveraged PHP, Angular, and MySQL to develop a dynamic application for the air conditioning domain.
- Created systems for monitoring and controlling air conditioning units, handling temperature data, and providing analytics.
- Gained extensive experience in web development, database management, and integrating various technologies.

- Demonstrated achievements in designing intuitive interfaces, implementing complex functionalities, and collaborating effectively with multidisciplinary teams.
- **Skills:** AngularJS, PHP, PostgreSQL, MySQL, GIT, jQuery

Junior Software Engineer

RiverValley Technologies [10 Jul 2017 – 10 Jan 2019]

City: Trivandrum

Country: India

- Developed an in-house web application using CodeIgniter to streamline employee management processes, including leave, working hours, and task tracking.
- Led the end-to-end development process, ensuring seamless functionality and user experience.
- Designed and implemented a robust database schema to efficiently store employee information and management data.
- Developed secure authentication with role-based access controls for authorized user management.
- Implemented comprehensive leave management, working hour tracking, and task management features to enhance productivity and collaboration.
- **Skills:** Bootstrap, PHP, MySQL, HTML5, CSS, jQuery

EDUCATION AND TRAINING

Bachelor in Technology

Mahatma Gandhi University [1 Jun 2013 – 1 Jun 2017]

City: Kottayam

Country: India

Website: <https://www.mgu.ac.in/>

DIGITAL SKILLS

Django Rest FWK / Linux (Terminal Commands, Bash/Shell) / Version Control System (Git) / AWS, AWS Lambda

Database

PostgreSQL and MariaDB / Database (MySQL, SQLAlchemy, MongoDB)

Backend Technologies

Back-end (Flask, Django) / PHP (7.x)

Scripting Language

Python

Cloud Technologies

Amazon Web Services/Cloud Technology

Frontend

React-JS

HONOURS AND AWARDS

Best Rookie Award 2020-2021

Infosys Limited [20 Apr 2021]

Honored with best rookie award by Infosys Limited.