Basheer Ahamed A
Software Development Engineer

Dedicated and detail-oriented software engineer looking to obtain a responsible career opportunity to hone my skills and contribute to company goals and needs

MY CONTACT

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in ahamed-basheer

LANGUAGE SKILLS

- Python
- Java
- SQL
- C++
- C
- Ruby

AREAS OF INTEREST

- Software Development
- DBMS
- Cloud Computing
- UI/UX

TOOLS AND FRAMEWORKS

- Ruby on Rails
- Flask
- Git
- MySQL
- Adobe Suite
- Figma

ACHIEVEMENTS

- Top 20 team in **Hackathon** conducted within Digital Payments team, Amazon.
- **NCC B** & **C** Certificate holder. **NCC Lance Corporal** in the 2(TN)CTC NCC PSG Tech and also participant in national camps held.
- **Lead digital design team** in college department that was responsible for creating posters, videos and managing social media.
- **Recognised by the department** for my role in organising inter college symposium.
- Participated in the **ACM India** Online Winter School 2020-21 on Cybersecurity conducted by CISCO India.

EDUCATION

- **M.Sc Theoretical Computer Science**   2018-present
  PSG College of Technology, Coimbatore   **8.3 CGPA**
- **XII – CBSE**   2018
  Edustar International School, Kovilpatti   **93.4%**

PROFESSIONAL EXPERIENCE

Root quotient, Chennai | SDE
2023 July – Present

- Implemented RESTful API endpoints for user authentication, authorization, profile creation and other CRUD features using **Ruby on Rails** and **postgreSQL.**
- **Used**
- Wrote **RSpec tests** for API validation and ensured software robustness through comprehensive testing.

Amazon, Chennai | SDE intern
2023 Jan – 2023 june

- **Documented, designed, and developed** load and stress testing system for Amazon payment portals, ensuring compatibility across different devices and marketplaces.
- Utilized **TestNG**, **Java, AWS Fargate** to write comprehensive test cases and employed CDK to efficiently create and manage cloud resources
- Created a **dashboard using AWS CloudWatch** to monitor metrics emitted during load and stress tests, and set up alarms for prompt issue detection and resolution.

Kilo Farms | SDE part time Intern
2021 Dec - 2022 Jan

- Created **dashboards and Visualisation** in Redash using SQL.
- Set **alarms and schedule** to refresh the dashboard.

ICU medical, Chennai | SDE Intern
2021 May - 2021 Nov

- **Designed and developed a single sign-on feature** for a hospital application using **AWS Cognito**.
- Performed Code shrinking and obfuscation to increase the security of medical devices.

PROJECTS

Blob storage
- Developed a **full-stack blob storage application** using **Python, FastAPI, SQL, and HTML** as part of a hackathon project.
- Implemented **file storage** and **transfer functionalities with permission capabilities**, allowing users to securely manage and share files.

Content aware image resizing
- Project implemented in **Python**. This project is used to reduce the width or height of an image by removing the least useful seam.
- It uses **dynamic programming** techniques to efficiently identify the seam. This project helps in displaying images without distortion on media of various sizes.

Cozy Furnture Store UI
- Designed a set of screens for customer journey in purchase of furnitures using **Figma**.