

AMADHYA ANAND

Software Engineer II

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📍 Amsterdam, Netherlands

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EXPERIENCE

Software Engineer II

Booking.com

📅 Jan 2024 – Ongoing 📍 Amsterdam, Netherlands

- Enabled value-based steering, by providing insights into platform usage and product adoption, through designing and developing a system to track how partners manage pricing
- Reduced dependency on engineering for issue resolution, as measured by surveys, by creating and documenting FAQs and debugging guides
- Improved system observability, resulting in faster issue detection and resolution, by building monitoring dashboards in Grafana using Terraform
- Improved code maintainability and reduced redundancy, by modernizing the legacy codebase and eliminating inefficiencies, through proposing and documenting enhancements to partner-facing platforms
- Improved the legacy codebase, enabling faster time-to-market and increased maintainability, by increasing test coverage, and refactoring code

Software Engineer I

Booking.com

📅 Aug 2022 – Dec 2023 📍 Amsterdam, Netherlands

- Enhanced partner eligibility automation by replacing reliance on a static list with a cron job, improving accuracy and efficiency
- Designed and developed a system for a derived product using Kafka pipelines and existing services, empowering product adoption observability under the Value-Based Steering initiative

Senior Software Developer

Cuemath

📅 Apr 2022 – Aug 2022 📍 Bangalore, India

- Enhanced real-time communication between students and teachers, by enabling seamless audio/video calls and screen sharing, through the integration of third-party SDKs
- Improved data-driven decision-making, by providing insights through an analytics dashboard, by implementing frontend instrumentation and leveraging collected data

Software Developer

Cuemath

📅 Sep 2020 – Mar 2022 📍 Bangalore, India

- Provided students, teachers, and parents with insights into student performance, by generating comprehensive monthly progress reports, through the development of a reporting system

SKILLS

Java OOP Python Flask MySQL Firebase
Terraform Cron Grafana Javascript React
Material-ui Antd

EDUCATION

M.Sc. in Computing Systems

Georgia Institute of Technology

📅 Jan 2022 – Dec 2024

3.8 GPA

B.Tech. in Electronics and Communication

Punjab Engineering College

📅 Aug 2016 – July 2020

8.1 CGPA

PROJECTS

Game Swap

Georgia Institute of Technology

📅 3 months

- Game Swap is a platform where users can swap games
- User can add, search and propose swap for an item
- User can accept/reject and rate a swap. User can also view their swap history
- **Technology Used:** React, Flask, MySQL and Semantic-Ui

SwyftCart E-commerce

📅 5 months

- SwyftCart E-commerce is an e-commerce website
- Users can buy products from various shops near them by adding listed products to their cart. They have an option to pay online or can choose cash on delivery option
- User's can track their orders and cancel them
- **Technologies Used:** ReactJS, Redux, Node.js, Express.js, Antd, Firebase

SwyftCart Admin

📅 4 months

- SwyftCart admin is an application for shops to manage their orders and products
- User can view their statistics, view orders, change their status, and manage their inventory
- **Technologies Used:** ReactJS, Redux, Node.js, Express.js, Antd, Firebase

LANGUAGES

English, Hindi, and Punjabi