

Harikrishnan Unnikrishna Pillai

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Availability: May 2024- December 2024

EDUCATION

Northeastern University, Khoury College of Computer Sciences, Boston, MA Expected December 2025

MS in Computer Science, Current GPA - 4.0

Related Courses: Programming Design Paradigm, Database Management Systems

National Institute of Technology, Calicut, India

April 2019

Bachelor of Technology in Computer Science & Engineering, GPA - 8.13

Related Courses: Data Structures & Algorithms, Principles of Programming Languages

TECHNICAL SKILLS

Programming Languages: ReactJS, C, C++, Netwide Assembly (x86), Java, Python, TypeScript

Operating Systems: Linux, Microsoft Windows

Database Management Systems: MySQL, MongoDB

Web Development: HTML, CSS, JavaScript

EXPERIENCE

JPMorgan Chase & Co, Bengaluru, India

January 2022 - August 2023

Associate

- Managed APIs and services with an SLA of 150ms aimed at enhancing the overall work experience of employees spread across Asia, Europe, and North America
- Extract millions of records of data from various data sources, transform and load them into the database, and expose user-friendly elastic-search-backed APIs consumed by teams saving 10 hours per onboarding on average
- Architected a micro front-end application serving as a one-stop shop for users to be able to set preferred application settings for a suite of 6 in-house applications
- Created APIs backed by MongoDB and deployed them on AWS to deliver personalized recommendations on supported applications based on user actions and varying parameters

JPMorgan Chase & Co, Bengaluru, India

July 2019 - January 2022

Software Engineer

- Excelled in the team's agile set-up and self-trained into a full-stack developer role in the first 2 months within the team
- Collaborated as an SRE team member responsible for the resiliency of applications in production
- Built and managed an efficient and highly resilient portal from scratch with ReactJS front-end and Spring Boot microservices back-end hosted on a private cloud

PROJECTS

National Institute of Technology, Calicut, Attendance Management System Using Image Processing July 2018 - April 2019

- Leveraged OpenCV and FaceNet algorithm to create an attendance management system to reduce the time taken for a teacher to record class attendance by 10 minutes on average per class
- Developed an app using Django web admin for students and teachers to track class attendance with role-based authentication

Northeastern University, DigiDine: Personal Chef and Nutritionist

November 2023 - December 2023

- Implemented a ReactJS and Python Flask-based web app with MySQL DB integration for dynamic recipe management.
- Enabled users to filter recipes based on dietary restrictions, flavor preferences, and available ingredients.
- Empowered chefs to create recipes, with automatic assignment of dietary restrictions through intricate MySQL stored procedures.

RELEVANT COURSEWORK

Google IT Automation with Python - Coursera