

Gokulakrishnan Muthusamy

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EXPERIENCE

- IIT Madras, Chennai - Full Stack Developer

Jan 2024 - April 2024

Entrusted with the development of a website for students and mentors on scale. Developed and deployed the application from scratch.

- Ascendeum Pvt Ltd, Delhi- Assistant Backend Engineer

May 2023 - Jan 2024

Took responsibility for fixing various bugs and optimizing the API performance for scale improving the overall efficiency by 15%

- NSPlus Technologies Pvt Ltd, Bangalore- Python Developer

Oct 2021 - April 2023

Tasked with full-stack development of a resume-matching algorithm for a specified JD in one project and integration of a backend API in another.

EDUCATION

Indian Institute of Technology, Madras — B.S

(Data Science and Applications) Jan 2021 - Present (8.5/10)

Anna University, Chennai — B.E

(Mechanical Engineering) August 2016 - June 2021 (7.9/10)

PROJECTS

Sight v9 - Ascendeum Pvt Ltd

Description: Collaborated with the backend team to develop a data-intensive and scalable application to power up a data dashboard.

Notification Services - NSPlus technologies

Description: Created a unified backend API solution for notifications, integrating SMS, Email, WhatsApp, Teams, Slack, Jira, etc., utilized by all products and websites.

NSHRM - NSPlus Technologies

Description: I led the full backend development for a resume-matching algorithm, including data extraction from resumes, database storage, and scoring for job descriptions (JDs).

My Excitation - ABB India Ltd

Description: I played a key role in bug resolution and implemented two new features for a predictive maintenance data analysis and report generation project for industrial machines and devices.

3D Bin packing Algorithm - Gyandata Pvt Ltd

Description: Developed a Python module implementing a 3D Bin Packing Algorithm to sort three-dimensional inputs into cube or cuboid containers. Additionally, I created a user-friendly pictorial output for easy understanding of the arrangement.

ROLES & RESPONSIBILITIES:

- Took complete lead of the Mentor-Mentee project in IITM.
- Founded and headed the first-ever student fest for the IITM BS degree.
- Academic Affairs Coordinator - IITM BS (8 months)
- Secretary, Nilgiri House - IITM BS (8 months)

SOCIAL

github.com/gokul-1998

<https://ds.study.iitm.ac.in/student/21F1007026>

[linkedin.com/in/gokulakrishnan-muthusamy-141a78201](https://www.linkedin.com/in/gokulakrishnan-muthusamy-141a78201)

TECHNICAL SKILLS

Architectures: MVC, RBAC, Web & Client-Server Applications

Skills : Pandas, NumPy, matplotlib, Celery, Redis, Asynchronous jobs,

Languages: Python, Flask, FastApi, Vuejs, SQL, PLSQL, Django, Java, C++, JavaScript, React, React Native, Shell Scripting, Ajax, HTML/CSS, Bootstrap, Express js, Node js,

CI/CD: Docker, Azure DevOps, Github, Pipeline, GitHub actions, etc.

Databases: Oracle DB, Postgres, Sqlite3, MySQL Server, ORM, SQLAlchemy.

Other: Data Structures and Algorithms, OOPS, Functional Programming, Linux Shell.

AWARDS AND CERTIFICATION

- Microsoft Azure - AI-900,
- Microsoft Azure - PL -900
- IIT Madras- Diploma in Data Science and Programming
- Best Flask-VueJS project in the batch
- Academic Mentor for Data Structure and Algorithms
- Structuring Machine Learning Projects - Coursera Certification
- Neural Networks and Deep Learning - Coursera