AKASH R. CHANDRAN

SOFTWARE DEVELOPER

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ABOUT ME

I am highly motivated software developer with a strong passion for programming. Currently, I am pursuing a Bachelor of Technology degree in Computer Science and Engineering from the College of Engineering and Management Punnapra which is under Kerala Technical University (KTU). I am fluent in English and Hindi, and I have limited working proficiency in Malayalam. I am driven to contribute to the open-source community, and my dedication to programming is evident in my work.

WORK EXPERIENCE

GTech Mulearn
Back End Developer

- Responsible for developing and maintaining APIs using **Django Rest Framework** and managing a **MySQL** database.
- Collaborating with a team of software engineers to design and implement scalable and efficient backend solutions for the MuLearn platform.
- Writing clean and maintainable code, conducting thorough testing and debugging, and integrating backend functionality seamlessly with the frontend development team.

EDUCATION

2020 — **College of Engineering and Management Punnapra**
B.tech in Computer Science & Engineering (Pursuing)

2018 - 2020 — **Stratford Public School and Junior College**
Higher Secondary (83.2 %)

2016 - 2018 — **KENDRIYA VIDYALAYA PONDA**
Secondary (84.2 %)

PROJECTS

- **Portfolio**
  I have curated and designed my own website featuring my works that act as my portfolio. I've created it from scratch from a front-end framework using **HTML, CSS, Bootstrap** and **JS**.

- **Movie Time**
  I have a created fully functional movie reservation system that includes features such as ticket booking and seat selection. The system was developed using **Django** and **PostgreSQL** as the database.

- **AIDCAM**
  A objection detection model made using latest **YoloV8** by ultralytics capable of detecting road accidents and alert the responsible authorities. The sample website is made using **Django** alerting send altering messages using **Twilio**.

- **Invoice-Generator**
  Simple Invoice Generator made using python **Flask** mini web framework and **Mongo DB** as database.

- **GamesDrive**
  GamesDrive is a video game discovery web app that assists you in finding new and intriguing games to play. Built using **React** and **TypeScript** using **Vitejs**.

- **TODO APP**
  A fully functional todo app with login, user registration and good UI/UX made using **Django** and **SQLite**.

ACHIVEMENTS & AWARDS

- Achieved 5-star ratings in Python and Java on HackerRank.
- My React blog was recently featured on Hashnode.
- I'm a mentor at Pygrammars community and Gtech Mulearn Programs.
- I am a part of the developer team for the college website. (https://cempunnapra.org/) and lead the tech team for the college festival.
- Contributing actively to Hacktoberfest, I have made 13 pull requests across 7 repositories. In addition, I have maintained 5 repositories with over 10 contributors and 30 merged pull requests.
- As a participant in GirlScript Summer of Code 2023, HackClubRAIT Summer of Code, and Social Summer of Code, I have gained valuable experience.
- I also took part in the Dusk Till Dawn hackathon hosted by NSS College of Engineering Palakkad, where I was awarded 3rd prize.
- In 2022, my team's idea was shortlisted for the Youth Innovation Program (YIP).
- I am a tag moderator at dev.to.

CERTIFICATIONS

- Google IT Automation with Python Professional Certificate (Coursera)
- JavaScript Algorithms and Data Structures (Freecodecamp)
- Problem Solving Basic (HackerRank)
- Python (Kaggle)
- Responsive Web Design (Freecodecamp)
- Python Masterclass 2022: Python 3 Programming for Beginners (Udemy)
- Front End Development Libraries (Freecodecamp)
- Back End Development and APIs (Freecodecamp)

SKILLS

- **Programming**
  - Python3 (Django, Flask, NumPy, Pandas, OpenCV, BS4)
  - JavaScript (React, TypeScript, Handlebars, EJS)
  - C
  - JAVA
  - PHP
  - SQL (MySQL, PostgreSQL)
  - NOSQL (MongoDB, Redis)

- **Tools**
  - Visual Studio Code, Colab, Hoppscotch, Jupyter Notebook

- **Miscellaneous**
  - Git (GitHub, Gitlab), Heroku, Railway.app, Repl.it, Roboflow

- **Soft-Skills**
  - Communication, Time Management, Problem solving, Teamwork, Continuous learner

REFERENCE

- **Dr. Neethu Sathyan M.**
  - Assistant Professor & HOD at College of Engineering and Management Punnapra
  - Mobile: 7767921404
  - Email: nshaiju@gmail.com

- **Ms. Sneha S**
  - Assistant Professor at College of Engineering and Management Punnapra
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