Kumar Anurag

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EDUCATION

- **Amrita Vishwa Vidyapeetham** — Amritapuri, India
  B.Tech Computer Science Engineering — *July 2019 - Oct 2023*

- **MGM Higher Secondary School** — Bokaro Steel City, India
  Central Board of Secondary Education — *May 2016 - April 2018*

PROGRAMMING SKILLS

- **Languages**: Python, C++, Java, Javascript, Typescript, SQL, NoSQL, HTML, CSS/SASS
- **Technologies and Frameworks**: Pivotal Cloud Foundry, Angular, Microservices (Java Spring boot), Django

EXPERIENCE

- **Bank Of America** — Hyderabad
  Software Engineer 1 - Full Time — *July 2023 - Present*
  - Part of the Citi Retail Services (CRS) Acquisitions team that serves over 35 partners in the NAM region.
  - Followed the Agile model and worked extensively in Angular, Java Springboot Microservices and PCF cloud technologies for deployment.

- **Bnp Paribas** — Chennai
  Software Engineer - Intern — *Jan 2023 - July 2023*
  - My experience as SWE Intern at BNP Paribas was both challenging and rewarding, and it reinforced my passion for the risk and finance domain. It also allowed me to apply my Python and SQL expertise to real-world financial scenarios, contributing to the organization's success in managing and mitigating risks effectively.
  - Followed the Agile model and worked extensively in Angular, Java Springboot Microservices and PCF cloud technologies for deployment.

- **Learning Routes PVT LTD** — Remote
  Web Developer - Intern — *Jan 2022 - Mar 2022*
  - Part of the team of knowledge workers that brainstormed UI/UX Design ideas for aspiring startups.
  - Worked on a WordPress Environment and used some of the plugins to maintain the functionality.
  - Developed a Chatbot to gain 80 percent of the lead through the data led by the users
  - Developed a pop-up system to directly fetch data to gain leads up to 83 percent.
  - Restructured the User Interface for their website using Bootstrap framework, CSS, HTML, Javascript and PHP.

- **Thundersharp** — Remote
  Full Stack Developer - Intern — *Sep 2021 - Dec 2021*
  - Developed fully edged e-commerce website that enables users to shop through their product, add their product to their cart, and checkout.
  - Followed the Agile model and worked extensively in Angular, Java Springboot Microservices for deployment.

- **Defence Research And Development Organisation** — Remote
  Machine Learning Developer - Intern — *Jul 2021 - Sep 2021*
  - Developed chat bot's (Virtual Assistants) in python and increased effciency by 15 percent.
  - Developed a Chatbot using Machine learning algorithm to handle requests by the customers.
  - Followed the Agile model and worked extensively in Python.

- **Bi0s** — Kerala, India
  Pentester — *Jan 2020 - Mar 2021*
  - Team bi0s is an Indian Cyber Security academic team.
  - At bi0s, we actively research on how to detect and exploit flaws in various networks, cloud appliances and web-based systems.
  - Technology used : Wireshark, Metasploit, Burp Suite

Projects

- **HYDRA :** A chatbot is a computer software that can have a discussion/conversation with a human, according to the most natural definition. Machine learning allows computers to learn without having to design natural language processing by artificially imitating human interaction patterns.
- **Billing Software :** Developed Billing Software to help 80 percent of the small business. Focus on to calculate the no. of items and their price and tax. Saves the bills in the system locally.
- **Wine Analysis :** Predicting the Quality of Wine. Project will explore a dataset with python and use standard data science skills to clean, analyse, visualise, and interpret data and elegantly use the data patterns to provide scentific meaning.

Teaching/Leadership Experience

- Conducted an IEEE Workshop on Basics of Web Development and Trends in Web Technology for college students (Jan 2018).
- Part of the core IT Department Coding Club (2017-2018).
- Taught Maths, Science and Music for underprivileged school kids as part of the Sri Sathya Sai Seva Organization.