Mohammed Nouman

Software Developer (Fresher)

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Course	College/University	Year	CGPA/%
Computer Science	P.A College of Engineering	2020-Current	9.3 CGPA
Intermediate/+2	Pandyarajah Ballal	2018-2020	92%
High School	Hazrath Sy Madani	2018	88.6%

ACHIEVEMENTS

- Led the winning team at 'Hack to Future' a 24Hr long hackathon, organized by EG India Pvt Ltd in collaboration with St. Joseph Engineering College Mangalore.
- Co-Author of research paper "AM THE EYE" presented at Conclave "MCEST-22" by Sahyadri Engineering College, to be published by Bentham Science Publishers and indexed in Scopus.
- Secured second prize in the IT Quiz at 'EPITOME 2022,' a national-level intercollegiate IT fest by the Department of Information Technology, St Aloysius Institute of Management and Information Technology (AIMIT), Mangalore.
- Conducted a workshop on IoT and Home automation using NodeMCU and Google Home as the resource person for second-year engineering students at Bearys Institute of Technology, Mangalore.

EXPERIENCE

- **Network Engineering Intern** [Aug 2023 - Sep 2023] : Worked as a Network Engineer Intern at Compass Global Services, Bangalore.
- **President GLUG PACE** [Jun 2023 - Current]: current president at Glug pace, A club at PA College of Engineering which works and trains students on Open source Tools and Projects.

SKILLS & INTERESTS

- **Programming Languages**: Python, Java, C, C++, JavaScript
- **Technologies & Tools**: Linux, Reactjs, Flask, Tailwind CSS, IoT & Microcontrollers, MySQL, PostgreSQL
- **Soft Skills**: Communication, Leadership, Creativity, Analytics, Teamwork, Emotional Intelligence.
- **Security Tools**: Nmap, John, Burp Suite, Go Buster, Responder, Vim, Hydra, SQL map, EXIF Tool, Airmon-ng, TOR.

PROJECTS

- **BAYMAX: A personal computer virtual voice assistant -**
  - Developed a Python virtual assistant for daily tasks, including operations, photography, and weather reports.
  - The virtual assistant optimized daily PC tasks, implemented on Raspbian OS Linux with support for MAC and Windows.
  - Incorporated features such as reading news headlines, location information, and face recognition.

- **Adverse action letter summarizer -**
  - Built a summarization tool using GPT-3, summarizing long PDF adverse action letters into smaller message and sent to respective recipient while retaining the original meaning of the letter.
  - The tech-stack used were, Flask, Davinci GPT-3 model from Open-AI, Twilio for text-sms service.

- **CodePace: A 'PERN' stack code space -**
  - Developed a college laboratory code management web application, enabling students to upload and access their code conveniently.
  - Designed and implemented the front end using ReactJS and Tailwind CSS.
  - The back end of the application used PostgreSQL as database and used NodeJS and ExpressJS.

SECURITY KNOWLEDGE

- Active player in Capture the flag platforms online like, PicoCTF and Hack the Box (HTB).
- Good understanding of IT and Security, Networking concepts and open-source Security tools.
- Gave a talk about security and its importance, educated students about vulnerabilities and how to protect themselves, under LInux booth in event Spark'22 at PACE.
- Delivered a presentation at the Linux booth covering Operating Systems, Kernels, and the History of Linux, along with an introduction to various Linux distributions. Also, showcased 10 renowned Linux distributions installed on Virtual Box.