JINAY HEMANTKUMAR PATEL

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Experience

3rd Eye Labs   **Mar'24 − Present**
Software Development—Software Engineers, AI generator   *Abu Dhabi, United Arab Emirates*

- Designed and developed the Ender 5 3D printer from scratch, including creating and optimizing its firmware to enhance performance and functionality.
- Contributed to firmware development for the Flipper Zero and created custom software inspired by TRAKTOR DJing software, integrated with the TRAKTOR KONTROL Z1.
- Worked as a full-stack web developer and built an AI-powered tool to help the marketing team generate high-quality images for the company's social media campaigns.

GAOTek Inc   **Jul'23 − Sep'23**
Intern(Software Development / Digital Marketing)   *New York, United States*

- Worked in Software Development at Gao Tek, specializing in Radio Frequency Identification (RFID) technology, focusing on innovative solutions and technical implementations.
- Took on digital marketing responsibilities, identifying construction companies in targeted cities and reaching out to their CEOs or CFOs via LinkedIn or email to introduce company products.

iCodejr   **Jul'23 − Sep'23**
Intern(Curriculum Development)   *Dubai*

- My task was to create a game for 4th-5th grade students on a given topic using Scratch and Python. Following this, I planned to develop a PowerPoint presentation to explain the step-by-step process of creating the game.
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    Allied Service Provider LLC   **Jan'23 − May 23**
    Full Stack Web Developer   *Muscat, Oman*
    * Developed user interfaces using modern JavaScript frameworks, HTML5, and CSS3, improving user satisfaction by thirty-one percent. Wrote object-oriented code in Node.js, ensuring one hundred percent adherence to industry and company standards. Gained expertise in multithreading, concurrency, design patterns, and their impact on application performance. Designed and developed web applications using JavaScript frameworks React.js and Angular.js, increasing audience engagement by twelve percent.

Projects

Face Dection, Dubai Manipal University | *Python, C++, JavaScript, Java, MATLA, R* | **Jul'21 - Aug'21**

- Face detection technology plays a pivotal role across diverse sectors, enhancing surveillance capabilities for authorities and revolutionizing identification through the integration of biometrics and security measures. This technology involves identifying and locating human faces in images or videos, powering applications such as facial recognition and emotion analysis. By leveraging advanced algorithms to analyze visual patterns, it ensures efficient and accurate face detection across various contexts.

Food Delivery, Dubai Manipal University | *Java, Swift, JavaScript, Python, PHP*   **Jul'22 - Aug'21**

- In analyzing competition, I focused on two leading players in the market, delving into advanced features essential for food ordering apps beyond their basic functionalities. The research underscores the significance of food delivery, a popular and convenient trend enabling customers to order their favorite meals seamlessly. The app streamlines the process, ensuring direct doorstep delivery. In a tech-driven era with dedicated delivery services, food delivery has evolved, reshaping the dining experience by providing convenience and an extensive array of culinary choices.

Technical Skills

OPERATING SYSTEMS: Windows, Linux, MacOS
Languages: C++, Python, JavaScript, TypeScript, HTML/CSS, SQL, Java
Developer Tools/Technologies: React.js, MongoDB, Cloud Services, AWS, MySQL, Ruby, numpy, pandas, matplotlib, Jupyter Notebook, Shell, Adobe Photoshop, Rest APIs, Databricks, Microsoft Excel, Git, bash, Oracle Services, PyCharm, WordPress, Postgres, Visual Studio, Node.js, Angular, Scala, Data Structures, R, Slack, BigQuery, Apache

Education

Manipal Academy of Higher Education - Dubai Campus   **Sep'20 − Sep'24**
B.Tech in Computer Science and Engineering,   *Dubai, **United Arab Emirates***