Puneet Patil

San Diego, CA ♦ (619)-707-7419 ♦ puneetpatil.w@gmail.com ♦ [LinkedIn](#) ♦ [GitHub](#) ♦ [My Portfolio Website](#)

EDUCATION:

San Diego State University, San Diego, CA   **August 2022 - May 2024**

Masters in Computer Science   GPA: **3.81** / 4.0

<u>Relevant Courses</u>: **Algorithm Analysis and Design, Modern Full-stack Web Development**, Android Mobile Application Development, **Scientific Database Techniques (DBMS), Machine Learning**, Principles of Data Science

Atharva College of Engineering, Mumbai University, India   **August 2017 - July 2021**

B.E. in Computer Engineering   GPA: **9.09** / 10.0

<u>Relevant Courses</u>: **Object Oriented Programming, Data structures and algorithms, Software Engineering (SDLC)**, Big Data and Analysis, **Artificial Intelligence**, Natural Language Processing, **Computer Networking, Operating Systems**

SKILLS:

Languages: Javascript, Java, Python, **SQL**, Typescript

Databases: MySQL, MongoDB, PostgreSQL

Web Technologies: React.js, Next.js, Node.js, Express.js**, Spring Boot, DOM, RESTful APIs**, JSON, Zod, **TailwindCSS**, NPM, Bootstrap, HTML5, CSS3, jQuery

Cloud Technologies: Microsoft Azure, IBM Cloud

Tools: Git, Github, Postman, Hasura GraphQL, Firebase, Salesforce, **Docker, Kubernetes**, Airtable, VS Code, PyCharm

Modules/Libraries: RPC, **Unit Test**, Pandas, Numpy, Matplotlib, TensorFlow, JSQR, NLTK

Operating Systems: Windows, Mac, **Linux**

PROFESSIONAL EXPERIENCE:

Lavin Entrepreneurship Center - SDSU Research Foundation   **San Diego, USA**
*Software Engineer | * **(React.js, Javascript, Salesforce, HTML, CSS)**   **May 2023 - June 2024**

- Built, managed, tested and debugged the website using **React, JavaScript, HTML and CSS**, resulting in a **25%** improvement in UI rendering speed.
- Collaborated with cross-functional teams and engineered modular components using **React** reducing bug-fix time by **30%** and minimizing code duplication by **25%.**
- Integrated **Web-to-Leads web form**, facilitating the generation of **1000+** leads and seamlessly transferring lead data to **Salesforce** leveraging **Apex Data Loader**, ensuring data accuracy and streamlined workflow.
- Formulated **450+** Visualforce email templates, increasing email response rates by **35%.**

Eduvance   **Mumbai, India**
*Software Engineer Intern | * **(Python, Pandas, Numpy, Matplotlib, IBM Cloud, Linux)**   **June 2020 - July 2020**

- Analyzed and visualized data to classify Titanic passengers, achieving **82%** accuracy, demonstrating expertise in data analysis, statistical modeling, and algorithm optimization.
- Deployed machine learning models on **IBM Cloud** utilizing **IBM Watson**, streamlining the deployment process, showcasing expertise in cloud-based machine learning solutions and **Linux** environments.

HIGHLIGHTED PROJECTS:

Netflix Full-stack Web App | (Next.js, Magic, Hasura GraphQL, RESTful API, Azure, SEO)   [Github Repo](#)

- Designed & deployed a full-stack Netflix clone on **Azure VM** with **Next.js**, **Magic**, & **Hasura GraphQL** using **Server Side Rendering (SSR)** & **Incremental Static Regeneration (ISR)** to cut page load times by **20%** & enhance **SEO** by **15%.**
- Integrated YouTube's **RESTful APIs** for personalized content, showcasing advanced user experience design.

Real-Time Video Face Detection and Verification | (Node.js, Typescript, TensorFlow, JSQR)   [Github Repo](#)

- Engineered a high-performance **Node.js API** for a video-based KYC solution, achieving **95%** verification accuracy through advanced **TensorFlow** algorithms for real-time face detection and robust QR code scanning capabilities using **JSQR**.

File Syncer | (Python, RPC, Unit Test, Distributed Systems)   [Github Repo](#)

- Developed a **Python**-based **distributed file sharing system** utilizing **RPC** for **real-time synchronization** between machines, achieving **99%** replication accuracy and ensuring robust performance through **unit testing**.

Brand Monitoring System | (Python, Tweepy, NLTK)   [IRJET-V8I4971](#)

- Architected an advanced tool with **87%** accuracy using **Tweepy** for tweet collection and **NLTK** for data preprocessing and classification.