Naman Parekh

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EDUCATION:

University of Wisconsin-Madison | Madison, Wisconsin [May'25]
Major in Computer Science & Data Science, **Minor** in Economic Analytics **GPA: 3.9/4.0**
- **Awards:** Prestigious Dean's List Award 3x times
- **Coursework:** Data Structures and Algorithms, Linear Algebra, Multivariable Calculus & Matrices, Computer Engineering Fundamentals, Discrete Mathematics, Statistical Modelling, Intermediate Microeconomic Theory
- **Clubs and Organizations:** Data Science Club, Google Development Student Club, Game Design Club

SKILLS:

- **Programming Languages:** Java, Javascript, Python, C#, HTML, CSS, Bash, R, SQL
- **Graphical Software, Environments & OS:** Visual Studio, IntelliJ, Eclipse, Unity, Photoshop, Linux, macOS, Windows, Dbeaver
- **Software:** GitHub, Microsoft Office, Microsoft Excel, Google Cloud Platform, Docker, Kubernetes, Jira
- **Frameworks & Libraries:** Celery, Flask, GeoPandas, Pandas, Numpy, TensorFlow, Keras, .NET
- **Relevant Certificates:** AWS Essential Training - LinkedIn Learning, Stanford Inspirit AI Course on Data Science & Machine Learning, Complete Web Development Bootcamp

PROFESSIONAL EXPERIENCE:

Software Engineering Intern [May'23 - Aug'23]
Picarro - Santa Clara, California
- Actively collaborated with a diverse team of software developers to strategically transition core logic and data processing mechanisms from C# to Python for the P-cubed platform, enhancing flexibility, integration, and interoperability.
- Leveraged the power of SQLAlchemy to streamline complex interactions with our Microsoft SQL Server database, optimizing the retrieval and storage processes of customer-centric data.
- Executed comprehensive unit and integration tests covering 80% or more coverage via TeamCity to ensure optimal functionality and efficiency of our 'worker' processes while maintaining minimal runtime complexity.
- Assisted team members in debugging and troubleshooting code before deployment in QA and development environments, ensuring high-quality software builds.
- Ensured 100% accuracy in generating geometric and report-specific data for customers.

Software Developer & Economic Analyst Intern [Jul'22 - Aug'22]
Veer Capital Ltd. - Mumbai, India
- Utilized Java to contribute towards developing a functioning, scalable ERP software, increasing business performance and revenue streams substantially.
- Employed the JUnit testing framework to design robust unit tests, optimizing program accuracy and stability.
- Designed and marketed an NFT project while developing a detailed economic and financial risk analysis for the project.

Front-end Developer and Lead Mentor [Jan'19 - Mar'19]
MakersBuilders Co. - Dubai, United Arab Emirates
- Utilized HTML, CSS, and JavaScript to architect, design, and deploy a dynamic, responsive company website, boosting online presence exponentially.
- Assembled and tested electric components of robots as part of an educational initiative to engage students more in robotics and emerging technologies.
- Designed and operated complex 3D shapes and models using Blender.
- Collectively coached 15-20 students on the fundamentals of robotics and programming using Scratch and Python software.

PROJECT EXPERIENCE:

Brain Boost [Jul'23 - *Present*]
- Employing HTML, CSS, and JavaScript to implement a user-friendly Chrome extension that enhances productivity by limiting access to distraction-prone websites.
- Identified and addressed a common need among university students to reduce distractions during work/study hours.