

Shreyan Gupta

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EDUCATION

Drexel University

September 2022 - June 2027

B.S. in Computer Science; Minor in Security Technology

Cumulative GPA: 3.42/4.0

Relevant Coursework: Data Structures, Systems Architecture, Web Development, Software Eng. & Dev., Systems Programming, Software Architecture, Advanced Programming Tools & Techniques, Discrete Mathematics, Math. Foundations of Comp. Science

WORK EXPERIENCE

Web Development Intern

Delhi, India

Elar Industries

June 2023 - September 2023

- Developed & deployed a **full-stack web application** for a cable manufacturing unit using **React.js** and **Node.js**, enhancing the digital presence and increasing **traffic growth by 450%**
- Constructed a **dynamic user interface** for the web application using **Angular CLI framework**, enhancing **user experience by 50%** and streamlining **data management workflows**
- Automated the **inventory management system** using **Oracle MySQL database** to reduce errors and inefficiencies, decreasing **inventory losses by over \$6,000 monthly**

Software Systems Developer

Remote

Gamesense.pub

February 2021 - August 2022

- Engineered and Launched web-based data visualization tools using **JavaScript** and **Next.js** for **real-time player statistics**, effectively serving over **10,000+ users**
- Managed & integrated a **serverless backend** using **AWS Lambda** and **API Gateway**, enhancing scalability and reducing the firm's **operational costs by 30%**
- Deployed microservices using **C#**, optimizing **performance by 40%** and enabling seamless integration with existing systems, resulting in a **50% increase in system reliability**

SKILLS

Programming	Java, <u>Python</u> , JavaScript, C#, ASP.NET, <u>TypeScript</u> , C, <u>C++</u> , Bash, LUA
Web Development	<u>Node.js</u> , <u>React.js</u> , Next.js, Three.js, Express, MongoDB, SQL (Postgres, <u>mysql</u>)
Cloud Computing	Amazon Web Services (EC2, <u>Shield</u> , <u>WAF</u> , Lambda), Microsoft Azure (VM, DevOps), Docker
Operating Systems	Linux (<u>Ubuntu</u> , Kali, Debian, Mint), macOS, Windows Powershell
Tools & Technologies	<u>Git</u> , Stripe CLI, Postman, Bootstrap, <u>Wordpress</u> , Microsoft Office 365 Suite

SELECTED PROJECTS

Deliverrr (February 2024) 🌐

- Built a dynamic **food ordering web application**, using the MERN (**MongoDB, Express, React, NodeJS**) stack, designed to serve over **10,000 monthly active users**
- Implemented **secure user authentication** and payment processing with **Google OAuth single sign-on** and **Stripe API**, enhancing transaction safety and **increasing customer trust**

TwitFetch (September 2023) 🌐

- Created a **real-time Twitter monitoring system** using the **xRapid API** and Python libraries (**Requests, JSON**) to track and analyze tweets from **450+ users**, storing the data in a **MySQL database** for efficient data retrieval
- Designed a **web interface** using **React.js** and **D3.js** to visualize tweets' sentiment, processing data from over **6,000 tweets**, resulting in a **35% increase in client satisfaction**

TradeEase (May 2024) 🌐

- Developed a web application using **C# with ASP.NET Core**, displaying **real-time trading signals** to live traders and iteratively refining the trading algorithm, achieving a **67% accuracy win rate** across **632 trades**
- Analyzed market trends and **automated a script** using **Azure DevOps**, instantly exchanging and updating data between the server and client, achieving a **response time of 27 milliseconds**

CERTIFICATES & INVOLVEMENTS

- SQL (HackerRank) 🌐** - Proficiency Certificate in Queries, Sub-queries, Joins & Unions *May 2024*
- React (HackerRank) 🌐** - Proficiency Certificate in Routing & Rendering Elements & State Management *May 2024*
- Dean's List** - Merit-based award signifying high-GPA academic excellence at Drexel University *March 2023*
- Java (HackerRank) 🌐** - Proficiency Certificate in Data Structures, Exception Handling & OOPs *December 2021*
- Drexel Algorithms & Data Structures** - Active member of learning-based club solving complex coding challenges