**Supreeth Bannur Sudhakara**

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**EXPERIENCE**

**User Technology Support Specialist Aug 2022 – May 2023**

Purdue University | United States of America

* Maintained and upgraded computers in university labs, resulting in a 40% reduction in system downtime.
* Created and updated documentation and training materials for lab users, reducing the number of support requests and improving the user experience.
* Collaborated with the IT department to implement new technology solutions and improve infrastructure, resulting in a 20% increase in overall system performance and efficiency.

**Teaching Assistant Jan 2022 – May 2022**

Purdue University | United States of America

* Handled grading for a human-computer Interaction course with over 30 students, providing feedback and guidance resulting in a 20% improvement in average grades from the previous semester.
* Conducted weekly review sessions, resulting in a 15% increase in attendance and a 10% increase in quiz scores.
* Developed and implemented a new system for managing student submissions, reducing grading time by 30%.

**Software Development Intern June 2022 – August 2022**

Cisco System | United States of America

* Developed new dashboard features using Python, JavaScript, and HTML, resulting in a 25% improvement in system performance and a 30% increase in user engagement.
* Collaborated with cross-functional teams to identify and troubleshoot issues, contributing to the successful delivery of projects on time and within budget.
* Designed and implemented automated tests, reducing the number of bugs found in production by 40%, and demonstrated strong problem-solving skills to resolve critical issues and deliver high-quality software.

**DevOps Engineering Intern March 2021 - May 2021**

Betsol Inc | Bangalore, India

* Automated the deployment process for updated SAS products, resulting in a 50% reduction in deployment time and improved deployment efficiency.
* Integrated Datadog for system monitoring, improving system performance visibility and reducing issue identification and troubleshooting time.
* Created a program to consolidate cloud platform bills, improving accounting and billing processes by 30% and enhancing billing report accuracy.

**EDUCATION**

**Purdue University May 2023**

Master of Science in Computer Science GPA: 4.0/4.0

**Visvesvaraya Technological University July 2021**

Bachelor of Engineering in Computer Science GPA: 3.8/4.0

**PROJECTS**

**Decentralized Chat Application**

* Designed and developed a chat application using blockchain and non-server-centric architecture. It included a crypto-currency transfer function between users.
* Technologies used: NodeJS, Web3, solidity, MetaMask, JavaScript, Interplanetary file system (IPFS), Libp2p.

**Airport Ground Management**

* Developed a database system with an interactive user interface that helps in managing and controlling all the aspects of the airport from baggage tracking to passenger information.
* Technologies used: Django, React, JavaScript, jQuery.

**Crowdsourcing Website Dapp (FundMe)**

* Launched a completely decentralized crowdfunding platform on the Ethereum blockchain. All the transactions are done using the meta mask wallet.
* Technologies used: Solidity, Web3, React, MetaMask, JavaScript, Next.

**CERTIFICATION**

AWS Enabler 2019(AWS certified) | Nano Degree on Cloud Development (Udacity) 2020 | Specialization on Blockchain (Coursera) 2020 | Data Analytics (Data Camp) 2022 | HIPPA Certified (Purdue FW) 2023

**TECHNICAL SKILLS**

Data Structures, Database Management, Web Development, Data Mining, Data Analytics, Natural language Processing, and Cloud Technology.

**Languages:** Python, R, JavaScript, C++, Java

**Web & Cloud:** HTML, React, CSS, Django, AWS, Azure, REST, NodeJS, GIT, Google Cloud Platform

**Databases:** MySQL, MongoDB, PostgreSQL