AYUSH DHIMAN

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GitHub | LeetCode | Portfolio

SUMMARY

Software engineering student with a demonstrated history of working in the computer software industry. Offering a strong foundation in software engineering, Data structures, Computer Networks, and programming principles across multiple platforms. Quickly learner with the ability to listen, adapt and influence; successful working in both team and self-directed settings.

WORK EXPERIENCE

Software Development Engineer Intern - *Greend India* 🔗 *06/2021- 09/2021*

Greend is an e-commerce website for vegan products. As part of this role, I was responsible for the website maintenance and issue debugging.

- Developed, tested and Implemented 7 new features.
- Fixed 3 bugs which reduced call traffic by 5%.
- Initiated platform migrations and configuration to AWS for estimated 10% reduction in latency.
  - Shift of WordPress images to S3 bucket.
  - Shift to AWS RDS

Technologies: WordPress, PHP, HTML, CSS, jQuery, AWS.

EDUCATION

Vellore Institute of Technology **Chennai**
B.Tech. - Computer Science and Engineering *07/2019-Present*

- CGPA – 8.68 (Up to 4th semester)

Navy Children School **Mumbai**
High School Diploma – Science Stream (PCM) *04/2018-06/2019*

- Percentage – 93.2%

TECHNICAL SKILLS

Languages:	Java, C++, C, Python
Web:	HTML, CSS, JavaScript, PHP
Database:	SQL

SOFT SKILLS

- Creative problem-solving
- Strong Communication Skills
- Leadership Qualities
- Teamwork

PROJECTS

Detection of credit card frauds using parallel neural network 🔗
Keywords: Machine Learning; Credit card fraud; Parallel Computing.

- Train and pre-process dataset models to identify and remove fraudulent credit card transactions based on 28 features with 96.2% accuracy.
- *Technology:* Python.

Bypassing Detection of URL-based Phishing Attacks Using Generative Adversarial Deep Neural Networks (GAN) 🔗
Keywords: Deep Learning; Phishing; Generative Adversarial Networks; URL classification

- Trained GAN model to generate and identify URL-based sophisticated phishing examples through feature perturbation with 94.3% accuracy.
- *Technology:* Python.

Country Club Database Management System 🔗
Keywords: Database management; Front-End;

- Full-stack website for smooth management of country club.
  - Inclusive of booking features and monthly bill generation.
- *Technologies:* HTML, CSS, JavaScript, SQL, PHP.

Linux shell in C 🔗
Keyword: Operating Systems;

- Implemented a fully functional Linux shell in C language.

COLLEGE SOCIETIES AND ACTIVITIES

- **President at PALS VITC** 🔗 – Helps bridge the gap between academia and industry.
- **Manager at Technocrats Robotics** 🔗 – Official Robotics team of VIT Chennai.
- **Food and stall committee** – Vibrance (Cultural Fest).