DURGA SRINESH VARANASI YUGANDAR

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EDUCATION

University of Alabama at Birmingham, USA   August 2022 - Present
M.S in Computer Science   GPA: 4/4
Relevant Coursework: Algorithms and Data Structures, Foundations of Data Science, Machine Learning, Cloud Security, Database Systems, Network Security, Cyber Risk Management, Cloud Computing, Advanced Web Application Development

Indian Institute of Technology, Bhubaneswar, India   April 2012 - May 2016
Bachelor of Technology (B.Tech) – Electrical Engineering   GPA: 7.8/10
Relevant Coursework: Programming and Data Structures, Computer Architecture and Operating Systems, Digital Signal Processing, Wireless Communication Systems, Analog and Digital Communications, Digital Electronic Circuits.

SKILLS

Computer Software: Microsoft Office: Word, Excel, Publisher, PowerPoint, MATLAB
Programming Languages: C, Python, HTML, CSS, JavaScript, SQL(PostgreSQL), React, NodeJS
Tools: Visual Studio code, PyCharm,Eclipse

WORK EXPERIENCE

Cognitio Technologies   Bangalore, India
Senior Software Developer   June 2019 – June 2022
- Co-ordinated with 3 cross functional teams in 3 different locations for deployment of web applications.
- Conducted client reviews and monitored the standards for the interactive web page designs and user interface.
- Enhanced application efficiency by 35% & reduced project timelines by 45% through automation scripts.

Cognitio Technologies   Bangalore, India
Software Developer   June 2016 – May 2019
- Delivered a fully functional website within 2.5 months in collaboration with product manager and designers.
- Conducted cross browser testing on various designs to ensure website's functionality, responsiveness, and compatibility.
- Integrated industrial trends such as chat bots into the client's website to automate customer inquiries and improve their experience.

Computer Science Projects

Deep learning to break a CAPTCHA system   Python, Jupyter, OpenCV, Scikit-learn, TensorFlow, Keras
- Extracted single letters from the training CAPTCHA images provided.
- Trained a neural network model to recognize single letters using Keras.
- Used the trained model to predict the letters on new CAPTCHA images.

LEADERSHIP

Wissenaire – Annual Techno-Management Festival   IIT Bhubaneswar, India
Core Head (Events Management)   February 2014 – January 2015
- Led a team of 60+ students to organize national-level technical festival with a budget ₹3 Million.
- Planned and organized 4 workshops receiving a participation of 1000+ students Pan-India.
- Coordinated with PR team to strategize social media campaigns to reach out to 10K+ students.

Centre for Entrepreneurship   IIT Bhubaneswar, India
Core Member   July 2014 – January 2015
- Managed and organized 5 events and 4 guest lectures on various topics for 800+ students.
- Handled an annual budget of ₹500,000 for procurement and logistics operations of the club.