Soubhagya Shankar Das

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EDUCATION

Fordham University, Graduate School of Arts and Sciences Aug 2023 - May 2025
Masters in Computer Science *New York, USA*

Siksha O Anusandhan University Aug 2019 - Jul 2023
Bachelors in Computer Science

WORK EXPERIENCE

Graduate Assistant August 2024 - Present
Student Professional Development *Hybrid, New York, USA*

- Developed and optimized the department website using HTML, CSS, JavaScript, React.js, and Bootstrap.
- Analyzed and modeled data with Python, R, and Microsoft Excel to refine program strategies.
- Streamlined operations by integrating WordPress, Google Analytics, and Mailchimp.
- Designed digital content with Adobe Creative Suite and Canva to enhance outreach.
- Coordinated with the team to help students network with alumni and organize social events using Zoom, Slack, and Google Workspace.

Endpoint Service Technician Sept 2023 - July 2024
Student-tech Assistant *On-Site, New York, USA*

Technologies: ServiceNow Administrative, Jamf, Terranova security systems

- Resolving escalated technical incidents through ServiceNow, ensuring optimal system functionality for over 4,000 devices connected to Lincoln Center's grid.
- Worked collaboratively with teams at JAMf, Ivanti, Microsoft Intune, and Terranova security systems, deploying cutting-edge technologies efficiently and mitigating malware and cyber security threats.
- Coordinated with the team to restore 3,200 Microsoft Windows devices across the University during Crowdstrike's Falcon Outage.
- Spearheaded device life-cycle management, optimizing performance, enforcing endpoint management and security best practices on Windows and Macintosh systems to enhance user experience across the Fordham community.

PROJECTS

Fullstack MERN Social Media Web-application Aug 2023 - Dec 2023
Full Stack project *New York, USA*

Technologies: MERN Stack (MongoDB, Express.js, React, Node.js), Formik, Yup, Redux Toolkit, Redux Persist, React Dropzone, JSON Web Token (JWT), Multer, Mongoose

- Utilized the MERN stack for comprehensive application development, enhancing functionality and performance.
- Implemented React for dynamic user interfaces, managed navigation with React Router, and simplified form handling with Formik and Yup.
- Streamlined state management with Redux Toolkit and Redux Persist, ensuring efficient data flow and persistence.
- Enhanced user interaction with React Dropzone for file uploads, leveraged Node.js and Express.js for the back-end and simplified MongoDB interaction with Mongoose.
- Secured the application with JSON Web Token (JWT) authentication and improved file upload handling with Multer.

Ink Analysis Using Fusion Of CNN-Based Transfer Learning Oct 2022 - May 2023
Undergrad Final Year Capstone Project *Odisha, India*

- Spearheaded team in employing and comprehending research methodologies, utilizing various CNN models, implementing transfer learning techniques, and integrating fusion of CNN models.
- Selected fusion of LLMs, i.e., Inception V3 and VGG19 models, for ink alteration analysis after extensive testing.
- The proposed model exhibited superior performance with an accuracy rate of 82.59%, outperforming previously established models by ~7%.
- Received Dean's Council commendation and ranked in the top 10% of the Dean's List for innovative and complex project execution.

SKILLS & CERTIFICATIONS

Languages: Java, C/C++, Python, JavaScript, ReactJS

Tools and Skills: Tableau, D3.js, Microsoft Power BI, Matplotlib, Pandas, MLOps (Machine and Deep Learning), ChatGPT, GitHub Copilot, Microsoft Autopilot.

Certifications: Google Cloud-Ready Facilitator, Google Technical Support Fundamentals, Google Foundations of UX Design.

Relevant Courses – Data Structures and Algorithms, Machine Learning, Database Management, Networking, Software Engineering, Programming languages, Object Software Design, Data Visualization, Internet Web design, NoSQL Database Systems.