Anirudha Dudhasagare

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Education

Northeastern University, Boston, MA — Sep 2023 – Expected May 2023
Master of Science, Computer Software Engineering — *GPA 3.9*
Relevant Coursework: Object Oriented Design Principles, Web Design and User Experience Engineering

Xavier Institute of Engineering, Mumbai, India — Aug 2016 – June 2021
Bachelor of Engineering, Computer Engineering

Technical Skills

Languages: HTML, CSS, Javascript, Solidity, C#, Java, Python, SQL. SASS

Web Technologies: React, MongoDB, Express, ASP .NET, Node, Firebase, MySQL

Tools: Git, Github, Visual Studio Code, IntelliJ

OS: Windows, Linux, Ubuntu, Kali, Debian

Experience

Indian Construction Network WebApp, India — Apr 2023
Freelance
E-commerce marketplace for Construction Goods

- Developed User Profile editing and account management feature
- Developed Cart functionalities, allowing dynamic saving of cart content to specific users
- Integrated Stripe Payment Gateway API to allow users to securely checkout using Cash on delivery, Net banking and UPI payment options, create invoices and streamlining transactions for vendors

CMP Infotech, India — Dec 2019
Intern

- Collaborated with a team and successfully developed a shopping website named “Violet” using ASP .NET framework and integrated it with SQL Server database
- Implemented user account creation and login functionality
- Designed and implemented key e-commerce features, including product search, shopping cart management and checkout process

Projects

E-voting using Blockchain Technology Dapp — May 2021

- Integrated Ether-Scan for real time monitoring of contract transactions, ensuring transparency and traceability in voting process
- Integrated MetaMask to simulate voter’s interaction with the Ethereum Blockchain Network
- Implemented Verhoeff Algorithm in Javascript to verify authenticity of Aadhar Card number (Indian Government ID)

Optical Character Recognition System using Tesseract OCR — May 2020

- Utilized OpenCV to segment text, isolating individual letters and numbers
- Used Convolutional Neural Network to recognize the segmented text
- Published paper in IRJET Journal, Volume 7 Issue No. 5, May 2020
  Link - CNN based Hand Written Text Recognition System
- Accuracy Attained: 85.98%

Certifications

- Certified Ethical Hacker v11 (EC-Council) — Oct 2022
- Microsoft Technology Associate (MTA) — Oct 2019