HARSHITA NARNOLI

CONTACT

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EDUCATION

MASTER OF SCIENCE
COMPUTER SCIENCE • MAY 2024
The University of Arizona (Current Grade: 3.75/4.0)

BACHELOR OF TECHNOLOGY
COMPUTER SCIENCE & ENGINEERING • JULY 2017
Maulana Abdul Kalam Azad University of Technology, India (Grade: 9.24/10.0)

SENIOR SECONDARY SCHOOL
MAY 2012
Delhi Public School, India (Grade 91.6/100)

SECONDARY SCHOOL
MAY 2010
Dhanbad Public School, India (Grade 9.8/10.0)

KEY SKILLS

C, Core Java, Advanced Java, Shell Scripting, and Ruby.

SQL, MySQL, and Oracle

HTML, CSS, JavaScript, Java Server Pages, Spring MVC Framework

MS Office software and operating systems: Windows, Mac, and Linux

Ruby on Rails technology

Django

PyTorch and Python

ACCOMPLISHMENTS

Received Certificate of Excellence from NASSCOM for Top Ranker in Computer Science and Engineering Department of Institute of Engineering and Management.

Ranked 4th in robotics competition and qualified for top 5 in coding competition held in Techniche-2014 (Tech fest of IIT Guwahati)

PORTFOLIO

www.linkedin.com/in/harshita-narnoli-541b35a3/
https://harshunr.github.io/

PROFILE

Experienced software developer with a strong ability to create and deploy software solutions. In the 5 years of working in the software industry, I have gained expertise in various full stack technologies. At present, I am delving into research endeavors driven by personal interest, particularly in the intersection of machine learning and data visualization. Moreover, I look forward in making a meaningful contribution and becoming a valuable asset for a reputed organization by leveraging the knowledge and experience I have cultivated over the years.

EXPERIENCE

THE UNIVERSITY OF ARIZONA • AUGUST 2022 – MAY 2024

Research Assistant (June 2023 - May 2024)

- Collaborated with Josh Levine on research involving visualization and machine learning, to focus on the construction of Implicit Neural Representations (INRs) and data analysis through visualization.

Teaching Assistant (August 2022 - May 2023)

- Supervised exams, evaluated assignments, tests, and papers in accordance with teacher guidelines, attended scheduled classes, and conducted office hours to provide individualized assistance to students.

SENIOR SOFTWARE DEVELOPER • JAN 2020 – JULY 2022

Alien Brains Pvt. Ltd. - Kolkata, West Bengal

- Played a pivotal role as a Ruby on Rails backend developer, contributing to the development of multiple projects including the Sociana Mobile application, an Education website, and an internal Employee management tool named OMS.
- Took charge of providing design templates and collaborated closely with graphic designers to finalize the aesthetic aspects of the projects, ensuring alignment with client requirements and design standards.
- Demonstrated leadership skills by serving as a Scrum Master within a dynamic team of 10+ individuals, orchestrating task assignments for both frontend and backend teams by extensively using tools like Confluence and JIRA for Project management.

SOFTWARE DEVELOPER • AUG 2017 – DEC 2019

Nomura Research Institute Financial Technologies India Pvt. Ltd - Kolkata, West Bengal

- Spearheaded projects leveraging Spring MVC and JAVA technologies, focusing on the Australian Stock Market within the ISTAR-GV interface.
- Proficient in generating AJAX APIs and Jasper reports tailored to client specifications to enhance trading flow efficiency.
- Transitioned to interface development for the Hong Kong market, targeting the Shanghai and Shenzhen Stock Exchanges.
- Led the creation of design specifications for the Gateway software (EIG), facilitating the conversion of user data into XML format.
- Championed the development of optimized data models for efficient XML data retrieval and storage, alongside the design of APIs within the ISTAR-GV framework and assumed a leadership role in full production support and automation testing initiatives.

RESEARCH & WEB DEVELOPMENT INTERN • DEC 2015 – JAN 2016

SWAN Labs, Indian Institute of Technology - Kharagpur, West Bengal

- Developed a web interface showcasing real-time data collected from diverse sensors such as heart rate and accelerometer, integrated with an Arduino board for data capture.
- Participated in drafting the initial version of the paper, which has since been successfully published.

WEB DEVELOPMENT INTERN • OCT 2015 – DEC 2015

Excellence Tech. Pvt. Ltd. - Kolkata, West Bengal

- Utilized Node.js technology to architect a web page and incorporated Ajax calls for enhanced interactivity.

PUBLICATIONS

- A2D: Activity-Aware Data Rate Tuning in Wireless Body Area Networks, Co-Author, 2020 IEEE International Conference on Communications (ICC): SAC E-Health Track, Prof. Sudip Misra, IIT Kharagpur.
- A Computer Vision Framework for Partitioning of Image- Object through Graph Theoretical Approach, Co-Author, Prof. Sourav Saha, IEM, Kolkata.