

ISHITA KUMAR

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EDUCATION

Indiana University, Bloomington IN

Masters of Science in Computer Science

Relevant Coursework: Software Engineering, Applied Algorithms

May 2021

3.67/4.00

NMIMS University, Mumbai India

Bachelor of Technology in Computer Engineering.

August 2018

TECHNICAL STRENGTHS

Languages and Technologies

Java, Python, C++, C Flask, NodeJS, JavaScript, ReactJS, JQuery

Database

MySQL, MongoDB

Collaboration and Productivity Tools

JIRA, Slack, Git, Microsoft Teams

Professional Skills

Agile Methodology, Scrum, Software Development Life Cycle

WORK EXPERIENCE

Software Developer, Tikona Infinet Pvt. Ltd

Sep 18 - July 19

- Implemented business projects using Java, Servlets, JDBC, JSP.
- Enhanced the performance of the 3 Tier Mobile App, Customer Care Maintenance Portal and other server side components.
- Wrote Scripts to automate the processes and developed multiple API's for extracting customers' billing information and payment deadlines.

Intern-Software Developer, Competitive Exam Guide, India

May 18 - July 18

- Designed a student registration portal using JavaScript, Bootstrap, JQuery and PHP and automated the authentication and Hall pass generating process.
- Upgraded the admin portal to view different demographics of students that registered onto their website and enhance the customer interaction tactics.

Intern-Software Developer, TATA Power- Strategic Power and Engineering, India

May 17 - July 17

- Evaluated technologies and tested tools under the performance team to collect system statistics such as CPU and Memory Usage.
- Fixed a plethora of bugs with C++ administered in the Combat Management System Project used by the Indian Navy.

PROJECTS

Are You In: Placed 2 A Website for browsing events and rentals in Bloomington. Search for events and venue, Wish list Events, chat with users, OAuth, Public Forums using MongoDB, Express, ReactJS, NodeJS and the Agile Methodology for Development.

Academic Project Smart Home Security System: A face Recognition System for Smart Homes Using the Raspberry Pi and Open-CV. Provided an accuracy of 94 percent in detecting different faces.

E-Sanstha- Pragati Path: A comprehensive literacy enhancement solution for rural areas with adaptive assessment and collaborative learning using Flask and JavaScript (Runner-up at the Newton-Bhabha Foundation Tech Challenge).

Front End Development at Mankins Research, Bloomington IN : Worked across a team of 4 to develop a camp registration website using MongoDB, ReactJS, Express and NodeJS.

ACADEMIC ACHIEVEMENTS

Published 3 research papers at different IEEE conferences and journals in AI and Cloud Computing.

Mentored, Instructed students aged 8-16 in the development of websites using Front-end technologies such as JavaScript, CSS, Bootstrap from July 2018 to September 2018 at Camp K-12 India.

Founder and Technical Director, Project Evolve, NMIMS : Led a team of 400 Students and Carried out various NGO visits, Debates, Sports Activities, Conferences and Technical Workshops.