Nishit Shah

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PROFESSIONAL EXPERIENCE

Graduate Teaching Assistantship, University of North Carolina at Charlotte   **January 2024 – Present**
- Assisted Professor Bryan Dobbs in conducting interactive and engaging lectures for the Software Development Projects course, providing valuable insights into software development methodologies and best practices.
- Collaborated with students on hands-on coding exercises, project development, and troubleshooting, fostering a dynamic learning environment and contributing to overall success.

Web Development Intern, Phable; *Bangalore, India*   **December 2022 - February 2023**
- Enhanced the live website and microsite of Phable using Next.js, HTML, CSS, and SCSS; revolutionized the design and user experience, resulting in a 40% increase in user engagement through enhanced navigation and user interface and overall traffic growth by 30%.
- Collaborated with senior software developers, offering frontend solutions and assisting in the resolution of bugs both on the front end and back end. Successfully rectified issues with key functionalities, ensuring the website's proper functioning. Wrote Node.js scripts to update and correct a significant amount of backend data, streamlining operations and improving efficiency.
- Led the adoption of Agile methodology through Jira, delivering a 20% reduction in task completion time. Actively engaged in sprint planning, task allocation, and frequent status updates, highlighting strong organizational skills and a consistent record of meeting project deadlines.

Software Engineer Intern, Softwel; *Kathmandu, Nepal*   **May 2022 - June 2022**
- Engineered and architected a user data storage web application, harnessing the power of C#.NET development and SQL achieving a 30% reduction in data success time. Additionally, translated design specifications into code, resulting in a 25% reduction in system bugs.
- Collaborated with senior software engineers to evaluate application modules, contributing 15% increase in module efficiency and streamlined user experience ensuring flawless operation and peak performance of the software.

TECHNICAL SKILLS

Programming	: Java, SQL, R, JavaScript, Python, HTML, CSS, C#, SCSS
Web and Frameworks	: React.js, Next.js, Express.js, Node.js, Bootstrap, JSON, .NET, Rest APIs, Flask, jQuery, Redux
Databases	: MySQL, NoSQL, MongoDB, GraphQL, Postgres
Tools	: Git, Github, VS Code, Jira, Bitbucket

EDUCATION

Master of Science in Computer Science   *Expected May 2025*
University of North Carolina at Charlotte, North Carolina, United States

Bachelor of Technology in Computer Science and Engineering   *July 2019 - May 2023*
Vellore Institute of Technology, Vellore, Tamil Nadu, India   *GPA: 3.67/4.0*

Coursework: Data Structure and Algorithms, Software Engineering, Java Programming, Internet and Web Programming

PROJECTS

Pixel Share *[MongoDB, React.js, Node.js, Express.js, Redux]*   **May 2021**
- Successfully developed a social media application using MERN stack enabling users to create, share, and engage with posts, while implementing secure authentication through Google and email login.
- Implemented advanced security measures, including password hashing and encryption techniques, to protect user credentials and ensure data integrity, while leveraging middleware functionality to optimize user access control and enhance the performance

Wanderer *[React.js, Google Maps React, API]*   **December 2021**
- Developed a web application using ReactJS and the Google Maps React library. This innovative platform empowers users to explore hotels, restaurants, and attractions worldwide along with its reviews, all with the convenience of Google Maps integration.
- Implemented a location-based search feature that allows users to discover and pinpoint hospitalities on a global scale effortlessly. Leveraging Google Maps, users can search for places anywhere in the world, providing a seamless and engaging travel experience.

Blog Here *[Next.js, GraphQL]*   **November 2022**
- Built a web application that enables users to publish blogs within their chosen interest categories. Facilitated user engagement by incorporating a commenting feature, fostering meaningful interactions and discussions.
- Optimized user experience on the website by implementing interactions and discussions.

CAMPUS INVOLVEMENT

VIT Spartans; *Vellore Institute of Technology*   **January 2020 - April 2021**
- Orchestrated large-scale events and boosted attendance through strategic prop arrangements and impactful advertising within an event organizing and talent hunt organization.