

# Nikhil Bodempudi

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## EDUCATION

### Master's in computer science

Mar 2022

New England College, New Hampshire

**Course Work:** Web Programming

State University of New York, Albany

**Course Work:** Databases, Algorithms & Data Structures, Artificial Intelligence, Software Analysis

### Bachelor's in computer science

May 2020

KL University, INDIA

**Course Work:** Web Technologies, Operating Systems, Software Engineering

## SKILLS

**Languages:** C, C++, Java, Core Java, JavaScript, HTML, CSS, Python, Bootstrap.

**Frameworks:** NodeJS, Angular, Redux, React, Bootstrap, MySQL, Telerik.

**Databases & Web Services:** HTTP, RESTful Web Services, API Integration, MySQL.

**Tools:** MS Office- Word, Excel, Outlook, Adobe.

**Certifications:** Pega Csa, Pega CSSA.

## WORK EXPERIENCE

### State University of New York, Albany

#### (Research Student Assistant) Software Web Developer

Sept 2021 - Feb 2022

- Developing customized websites and User Interfaces by using scripting languages like JavaScript, HTML/HTML5, CSS, Bootstrap, and Telerik controls.
- Understanding user requirements and converting them into software requirement specifications.
- Experience in interacting with the end users to understand the business requirements and translate them into technical processes.

### TCS, Software Web Developer

Feb 2021 - Jun 2021

- Optimized Website design by minimizing the size of scripts, enhancing the website performance boost by 60%, and focusing on graphic design and user interface updates.
- Developed many websites using HTML, CSS, PHP, and JavaScript, which helped our organization in a great way.

### RK industries PVT.LTD, Software Developer intern

Aug 2020 - Dec 2021

- Gathered requirements from teams and worked closely with Omni CMS, Web page re-designing and Created Web content
- Designed and implemented a web application in NodeJS, OMNI CMS, HTML, CSS, DHTML, JavaScript, Flash, and Adobe Creative Suite, which is used by over 30,000 students.

## SOFTWARE PROJECTS

### Hybrid Document Scanner Application

- Developed and published an app into the App store for a trucking company using Ionic and apache Cordova and angular with edge detection and gradient mapping auto crop document scan.

### Job Search Portal

- Fetches Job listing from authenticjobs.com API and made application optimized to older browsers by using JavaScript, Webpack, and Node js.

**Selenium Automation**

- saved over \$20,000 per month for a brokerage firm by building an automation tool running on the AWS cloud, which automates human work using selenium, optical recognition, and pattern matching algorithms.
- extracted data from hundreds of images at a time using pyTesseract Library.
- used regex expressions and web parsers to extract the required information from the user page.

**Web Development**

- Designed and developed a responsive web application for an educational institution.
- Developed students' and teachers' login portal, which displays classes and students' information, respectively.