Divyanshu Patel

pdiv98@gmail.com | (864) 518-3569 | Clemson, SC | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Clemson University, Clemson, SC	**May 2023**
Bachelor of Science (B.S.) in Computer Science	*GPA: 3.87*
CodePath, San Francisco, CA	**August 2022**
Certificate in Advanced Software Engineering	*[Certificate](#)*
Greenville Technical College, Greenville, SC	**May 2020**
Associate of Science in Science	*GPA: 3.69*

SKILLS AND TOOLS

Programming Languages: Python, JavaScript, Java, C#, C++, C, Go
Web Development: SQL, MongoDB, NodeJS, Express, Bootstrap, Tailwind CSS, HTML, CSS
Platforms and Frameworks: GIT, Azure DevOps, Android Studio, Visual Studio

EXPERIENCE

Clemson University – Web Developer Intern– *Clemson, SC* **August 2022 – Present**
- Upgraded user registration fields and modified migration scripts to allow data migration rollbacks for faster testing on user databases
- Working with the Clemson University Center for Workforce Development department, utilizing **Django**, **React**, **MySQL**, and **Docker** to develop new features for the learning management system

Capgemini Salesforce– Student Software Engineer– *Columbia, SC* **August 2022 – Present**
- Developing a new B2B software solution with the Capgemini software development team
- Leveraging Salesforce Customer Relationship Management (CRM) tools to provide service to optimal local businesses

Itron – Software Engineer Co-op – *West Union, SC* **January 2022 – August 2022**
- Automated OBIS code conversions to XML Tags using **JavaScript**, improving feature development speed by 11%
- Designed and Automated 183 Firmware tests using **C#, XML,** and **Agile Methodologies** and fixed 47 medium to severe bugs within the test framework
- Worked with the Firmware DevOps team utilizing **Azure DevOps** to complete automated test support for three new features, which were shipped to more than 1 million electricity meters

Clemson University Spectra – Undergraduate Researcher – *Clemson, SC* **August 2020 – May 2021**
- Invented a Hexa-directional mechanical keyboard for patients with Carpal Tunnel Syndrome and Arthritis, using **Arduino**, **C++,** and 3D Design
- Demonstrated Android Development design patterns and system architecture to a group of 14 engineers and students

Zero Connect – Operations Associate – *Easley, SC* **January 2017 – August 2020**
- Led teams of up to 20 employees in operations of assembly production, inventory reconciliation, and shipping & receiving; Maintained efficiency at a level of 93% or higher
- Increased assembly production speed by 8% by developing an automated fiber length calculation tool based on customer work orders, using **JavaScript**, **HTML, and CSS**

PROJECTS

Cosmos Capsule – [GitHub](#) - *Python, FastAPI, Pandas* **February 2022 – Present**
- Developed an API to make different NASA planetary data accessible to developers, educators, and data scientists
- Incorporated web scraping to provide budget data for 49 NASA missions and 20 different planetary data

Light Crawl – [GitHub](#) - *Golang* **January 2022 – Present**
- Developed a general-purpose and lightweight web scraping library with a focus on ease of use and speed
- Implemented concurrency to handle processing URLs in bulk, reducing processing time by up to 23%

ENGAGEMENT AND LEADERSHIP

Shining Stars – *Tutor – Greenville, SC* **August 2020 – May 2021**
- Worked interpersonally with clients teaching more than 20 students with a tailor-made curriculum in Calculus, Trigonometry, and Computer Science
- Collaborated with students and parents to assess student progress and determine student goals and plans

Code for America - *Greenville Brigade* – *Android Developer - Greenville, SC* **June 2018 – August 2020**
- Implemented a user feedback feature using **Java** to collect user feedback and ideas to guide the open-source project
- Fixed a critical bug to prevent application crashes during a loss of internet connectivity