

Chetan Sunku

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EDUCATION

Northern Arizona University

Jan 2023 - Current

Master's in Computer Science | CGPA: 3.89/4.0

Flagstaff, Arizona

Courses: Algorithms, Large Scale Data Structures, Data Structures in C, Python, Network Security, Unsupervised Learning

Lovely Professional University

Aug 2017 - May 2021

Bachelor's in electronics and communication | CGPA: 8.27/10

Punjab, India

Courses: Java, C, C++, Python, Database Management Systems, Machine Learning

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, HTML, CSS

Frameworks: SpringBoot, JSP, JUnit, Angular, Hibernate, Bootstrap

Developer Tools: Git, VS Code, Eclipse, IntelliJ, AWS

WORK EXPERIENCE

Graduate Teaching Support | Northern Arizona University - Web Programming, Principles of Languages

Jan 2024 - Current

- Supported 160 students in Web Programming and Principles of Languages courses, tailoring guidance to individual academic needs in Data Structures, Algorithms, and Web Programming.
- Offered hands-on assistance to enhance proficiency in HTML, CSS, and JavaScript for efficient web page development.
- Managed grading for Web Programming and Principles of Languages courses, addressing student inquiries, and providing guidance for an enriched learning journey.

Programmer Analyst | Cognizant Technology Solutions - Java, SpringBoot, Angular, HTML, CSS, MySQL, AWS

Jul 2021 - Dec 2022

- Improved user experience by developing UI functionalities for a banking and finance client's website, resulting in a 15% increase in user engagement.
- Implemented backend functionalities using Java, Spring Boot, and Angular, achieving a 10% increase in overall system performance.
- Created RESTful APIs for user registration, updates, and interactions, leading to a 5% reduction in transaction processing times.
- Conducted debugging, testing, and code optimization, resulting in a 30% increase in application stability.
- Collaborated with cross-functional teams, participated in code reviews, and accelerated project planning, ensuring a 15% faster project delivery.

Programmer Analyst Trainee | Cognizant Technology Solutions - Java, SpringBoot, Angular, HTML, CSS, MySQL

Mar 2021 - Jul 2021

- Engineered a TweetApp focusing on performance and reliability, leading to a 20% improvement in backend response times.
- Crafted an engaging and responsive user interface with Angular, contributing to a 15% decrease in bounce rates.
- Implemented server-side functionality using RESTful APIs, resulting in a 20% improvement in overall site performance.
- Managed a MySQL database for product data, ensuring seamless data retrieval and storage for 100,000+ records, with a 98% accuracy rate.

PROJECTS

Tweet Webapp | Java, SpringBoot, Angular, HTML, CSS, Bootstrap, AWS

- Developed a web-based platform utilizing Java, Spring Boot, Angular, and MongoDB, contributing to a 30% increase in community engagement.
- Implemented user interaction features like liking and commenting, leading to a 40% rise in user-generated content. Deployed on AWS for a 25% enhancement in hosting reliability and efficiency.

Information System | Java, SpringBoot, Angular, HTML, CSS

- Constructed a Student Information System for educational institutions, managing data for 10,000+ students.
- Designed an application using Java, Spring Boot, Angular, and MySQL, resulting in a 40% improvement in efficiency and a 15% increase in system responsiveness.

ADDITIONAL EXPERIENCE

- Worked as a campus living peer supporter and as a summer housing assistant at Northern Arizona University.
- Managed student placements as a coordinator at Lovely Professional University.

CERTIFICATIONS

- Certified Full Stack Developer L-1 by Cognizant
- Certification in Python by Coursera
- Certification in Backend development by Udemy