

# NIKIL BALAJI

San Diego, CA

760-759-3828 | [balaj004@csusm.edu](mailto:balaj004@csusm.edu) | [linkedin.com/in/nikilb](https://www.linkedin.com/in/nikilb) | [github.com/nixcodes](https://github.com/nixcodes) | [portfolio](#)

## EDUCATION

### CALIFORNIA STATE UNIVERSITY SAN MARCOS

Aug 2023 – May 2025

*Master of Science in Computer Science*

*San Marcos, CA*

- Data Communication & Computer Networks
- Data Mining
- Machine Learning
- Design Patterns & Object-Oriented Analysis

### GURU NANAK COLLEGE

Graduated, May 2021

*Bachelor of Computer Applications (GPA: 3.91, CGPA: 8.5)*

*Chennai, TN*

- Programming in C
- Data Structure and Algorithms
- Digital Logic Fundamentals and Microprocessor
- Java Programming
- Computer Architecture
- Operating System
- Data Communication and Networking
- Relational Database Management System
- Software Engineering

## EXPERIENCE

### DELOITTE

Jul 2021 – Aug 2023

*Business Technology Analyst (full-time)*

*Chennai, TN*

- Reduced the **code run-time** by **40%** by implementing **observer-type design**, leading to a 30% reduction in pipeline run-time.
- Improved data reliability by implementing a central data processing SQL stored procedure that **reduced code maintenance by 50%** and boosted code re-usability drastically.
- Utilized REST API and **implemented** a seamless **integration** between SAPC and Power BI, later **approved** by the **client** for their **reporting** requirements.
- Reduced the testing efforts by **40%** by **automating** the expected **test outcomes** for plan objects, leading to **commandments** from business **leaders**.
- Leveraged knowledge in Python, Groovy, SQL, REST API, Git, HANA, Power BI, SAPC, Anaplan, and Oracle Incentive Compensation.

## PROJECTS

### Student Management System | *Python, Django, SQLite3, HTML*

May 2021

- Developed a web application that allows teachers to grade, assign homework, and email report cards.
- Had interactive panel for teachers and students to perform various actions.
- Debugged the issues and **deployed it on PythonAnywhere**. [VISIT](#)

### Portfolio | *HTML, CSS, JavaScript*

Aug 2022

- Created a portfolio website to showcase my awards and achievements and help people to know more about me. [VISIT](#)

### Salesforce Test Script Automation | *Python, Selenium*

Aug 2022

- Created a selenium script that **autonomously navigates** pages to **create test scenarios and scripts inside** Salesforce CRM. Used Python, Selenium, and Chromium Driver.

### SAPCAPL.exe | *Python, Py2exe, OpenPyXL*

Mar 2023

- Created a standalone .exe file that **leverages SAP Commissions API** and **Py2exe library** to **create transactions** inside the system without requiring to install Python and using a custom transaction template.

## SKILLS & CERTIFICATIONS

**Programming Languages:** C/C++, Python, Java, Javascript, Groovy, MySQL, HANA, HTML5, CSS3.

**Technologies/Frameworks:** Jenkins, Django, Fast API, Node.JS, React, Network protocols (FTP, HTTP), SAS, AWS, Linux, Kotlin, Gitlab, Github, Docker, Object Oriented Programming.

**Functional:** Agile, Detail-oriented, Organizational skills, cross-functional, Problem-Solving, focused, Product Design, Communication skills, results-oriented.

**Certifications:** Python & Django developer, AWS Cloud Solutions Architect.

## AWARDS / ACHIEVEMENTS

### Hackslam 2023

Mar 2023

*Winners*

*Deloitte*

- Won the "Hackslam 2023" hackathon happened **across Deloitte USI** under the "Gift Of Time" division (**1/871** submissions) for expressing various methodologies and specifications of an AI Aided centralized Deloitte booking system **featured in the Futura 2023-week event** occurred at Hyderabad.