

BANKAPURI SAI KUMAR

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CAREER OBJECTIVE :

To start my professional career in a dynamic organization where I can apply my technical skills in Python Django, React.js, and web development to deliver scalable, user-focused solutions. Dedicated to continuous learning, innovation, and contributing to impactful projects.

ACADEMICS :

Master's	-	Master of Computer Applications (MCA) -Audisankara College of Engineering & Technology, Gudur CGPA: 8.0 2022-2024
Degree	-	Bachelor of Science (B.Sc) in Computer Science-Kakatiya Degree College, Podalalur CGPA: 8.0 2019-2022
Intermediate	-	Chandra Reddy Jr. College- Nellore CGPA: 7.0 2017-2019
SSC(X)	-	Chaithanya High School- Podalakuru CGPA: 7.8 2016-2017

TECHNICAL SKILLS :

- Programming Languages : Python
- Frameworks : Django
- Databases : SQL Server, SQLite3
- Query Language : SQL
- Frontend : HTML, CSS, JavaScript, React.js
- Tools & Libraries : Django, Pandas, NumPy, Matplotlib, Git

COURSES DONE & CERTIFICATIONS RECEIVED :

- Completed Full-Stack Python Course (Sathy Technologies).
- Certified in IoT (Internet of Things).
- Published paper titled: Machine Learning-based Evaluation of Cyber Defense System.
- **Paper publication Link:** <https://www.jesppublication.com/uploads/2024-V15I80127.pdf>

OTHER SKILLS :

- Strong analytical and problem-solving skills..
- Effective decision-making and time management.
- Quick learner with adaptability and task efficiency.

PROJECTS :

1. Big Basket Clone – Online Grocery Store (React.js):

- Engineered an online grocery store inspired by Big Basket using React.js.
- Deployed OTP-based user authentication and product categorization.
- Improved shopping cart, order summary, and email confirmation system using EmailJS.
- Integrated Google Maps for delivery location display.
- Used Redux for global state management and Bootstrap for responsive UI design.
- Tech Stack: React.js, Redux, Bootstrap, EmailJS, JavaScript, CSS, HTML.
- **Project Link:** sai-bigbasket.netlify.app
- Description: expanded an e-commerce web application similar to BigBasket using React.js featuring product listings, shopping cart, order management, and responsive design.

2. ICICI Bank – Django Web Application (Banking Management System):

- Developed a full-stack web application for managing banking operations including customer accounts, deposits, withdrawals, and transactions. Implemented CRUD operations using Django views, models, and templates.
- Implemented CRUD operations using Django models, views, and templates for efficient data handling.
- Integrated Django ModelForms for simplified form creation, validation, and secure data entry.
- Connected the application to a SQLite/PostgreSQL/MySQL database for persistent storage of account and transaction details.
- Added transaction history, balance updates, and account verification features to emulate real banking processes.
- Ensured data integrity and security by validating inputs and implementing error handling in views.
- Tech Stack: Python, Django, SQLite/MySQL, HTML, CSS, Bootstrap.

3. Cyber Defense Evaluation using Threat-Based Adversary Emulation

- Designed and enhanced a cyber defense evaluation system using Python, Django, and MySQL.
- Simulated real-world APT attacks using MITRE ATT&CK-based Adversary Emulation.
- Built modules for prediction, analysis, and graphical visualization of cyber threats.
- Tech Stack: Python, Django, MySQL, HTML, CSS.

LANGUAGES :

- **English** : Fluent (written and spoken)
- **Telugu** : Native proficiency
- **Hindi** : Basic proficiency

PERSONAL DETAILS :

- Name : Sai Kumar Bankapuri
- Date of birth : 22 March 2001
- Gender : Male
- Contact : +91 8688011342
- Nationality : Indian