

Karthick Chandrasekaran

Software Engineer

9500449476 [◇ karthickchandrasekaran05@gmail.com](mailto:karthickchandrasekaran05@gmail.com) [◇ Coimbatore, India](#) [◇ Open to Remote](#) [◇ Open to Relocate](#) [◇ LinkedIn](#)

SUMMARY

Experienced software developer with over 3.5 years of IT experience, including 2.5 years of practical expertise in Python and various software development tools. Adept collaborator skilled in requirement analysis and delivering top-tier solutions. Committed to ongoing learning and enthusiastic about contributing to innovative projects within collaborative team settings.

EXPERIENCE

Analyst

Nov '21 — Present

Merkle

India

- Developed web-based surveys using Flask, integrating WTForms and Jinja templating for enhanced user experience and data validation.
Executed survey testing, created test cases, and generated visual reports to ensure robustness and reliability.
Proficient in all stages of software development life cycle (SDLC), including requirement gathering, analysis, planning, estimation, development, testing, and reporting.
Built and maintained web applications using Flask and SQL for database manipulation, ensuring seamless functionality and data integrity.
Automated web interactions using Selenium, enhancing efficiency and accuracy in data retrieval and processing.
Extracted data from diverse sources utilizing BeautifulSoup and integrated REST APIs for seamless data integration.
Demonstrated expertise in object-oriented programming (OOP) principles and developing GUI applications with Tkinter and Turtle.
Contributed to team meetings and brainstorming sessions, collaborating with clients to propose solutions and optimize data analysis processes.
Followed Agile methodologies, utilizing Jira for project tracking and employing both 'Kanban' and 'Scrum' frameworks for efficient project management.

Associate Analyst

Nov '20 — Oct '21

Ugam solutions

India

- Analyzed extensive datasets using Python and SQL to generate insightful reports.
Conducted data cleansing, transformation, and visualization for reporting purposes.
Collaborated closely with teams to deliver actionable insights through reports.
Developed and maintained SQL queries tailored for reporting and analysis.
Optimized data infrastructure and processes to streamline reporting operations.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering, Kgisl insitute of technology

Jul '16 — Sep '20
Coimbatore, India

SKILLS

Programming Languages Python, HTML, CSS, SQL

Libraries/Frameworks Flask, Pandas

Tools/Platforms PyCharm, Jupyter Notebook, VS code, Git hub

Templating and Web Development Templating, Jinja (Template Engine), Web Applications, Bootstrap (Front-End Framework)

Database and Data Analysis SQLAlchemy, Relational Databases, Data Analysis, Data Validation