SHUBHAM MADHAVI

Full Stack Python Developer | Data Engineer

Experienced Full Stack Python Developer & Data Engineer adept at Python, MySQL, and JavaScript. Specializing in API dev, AI/ML, & AWS with a track record in financial & banking solutions. Skilled in leveraging Generative AI for innovation, enhancing data analysis, & optimizing processes. Strong problem-solving & collaborative skills, committed to continuous learning for impactful solutions.

CONTACT

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WORK EXPERIENCE

Wealthtech Robo Advisory, Andheri, Mumbai — Senior Full Stack Python Developer / Data Engineer
February 2023 - February 2024

- Strengthened client relationships through expert financial insights, resulting in a 20% increase in client satisfaction.
- Developed and maintained a daily data-fetching API, reducing data retrieval time by 30% and enhancing money management and retirement planning accessibility.
- Led the migration to ReactJS, optimizing financial services for business clients, refining data architecture, and integrating tools like FINVU, resulting in a 40% improvement in website performance and a 50% increase in data processing efficiency.
- Conducted data analysis and optimization efforts, leading to a 25% increase in user engagement and refinement of platform financial strategies.

LoanTap Financial Technologies Pvt Ltd, Pune — Software Specialist (L2 Band - Assistant Manager)
August 2022 - January 2023

- Developed Python API for Bank Statement Reader (BSR) & OCR, processing 40+ statements accurately.
- Implemented 90% accurate OCR API for ID verification, streamlining 100+ loan applications & improving team integration.
- Optimized API performance, reducing verification time by 80% for significant cost savings.
- Conducted data analysis to extract insights from loan application data, enhancing decision-making.

Tutorpoint, Remote — Software Developer
October 2020 - August 2022

- Completed 50+ diverse projects spanning Python, SQL, data mining, networking, and academia with consistent, high-quality outcomes.
- Managed projects with Python, MySQL, ReactJS, and JavaScript, ensuring timely delivery and effective client communication.
- Applied advanced data analysis techniques, enhancing project outcomes and client satisfaction.
- Developed AI-powered recommendation systems and implemented NLP models using LLMs for text summarization, improving user engagement and task efficiency.

SKILLS

Professional

- Leadership and Teamwork
- Communication Skills
- Problem-Solving Skills
- Planning and Forecasting
- Management

Technical

- Python
- MySQL
- Pandas
- Artificial Intelligence (AI) and Machine Learning (ML)
- Tableau
- Generative AI
- Language Learning Models
- Data Analysis
- Data Structures & Algorithms
- Data Warehousing, Cleaning, and Mining
- ETL (Extract, Transform, Load) Process
- Finance
- Research
- AWS, GCP
- RestAPIs
- ReactJS
- Angular JS
- JavaScript

EDUCATION

College of Engineering Pune (COEP) Technological University, Pune — Master of Technology (M. Tech.) in Wired and Wireless Communication (ENTC Specialization)
Feb 2021 - Oct 2022 | CGPA: 9.19 | Percentage: 87.31%

Vivekanand Education Society's Institue of Technology, Mumbai — Bachelor of Engineering (B.E.) in Electronics and Telecommunication Engineering (ENTC)
Aug 2016 - Oct 2020 | CGPA: 8.34 | Percentage: 76.31%

Atomic Energy Junior College, Mumbai — Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE) - XI & XII
Jul 2014 - Mar 2016 | Percentage: 85.54%

Atomic Energy Central School No.: 2, Mumbai — Central Board of Secondary Education (CBSE) - Matriculation
Jul 2013 - Mar 2014 | Percentage: 83%

PROJECTS

Next-Gen Customer Support Chatbot Integration — Developed and integrated NLP-powered chatbot for seamless user interaction.

Online Gaming Expenses Data & Stock Data Analysis — Utilized Python, MySQL, and Tableau for comprehensive data analysis and visualization, resulting in optimized expense management strategies.

Modeling & Simulation of Electric Vehicles — Designed and simulated electric vehicles, integrating with IoT for real-time monitoring and optimization of performance.

Advanced Fraud Detection System — Implemented a Python-powered solution for financial security, significantly reducing fraudulent activities.

Decision Tree for Diabetes Prediction — Utilized Python and ML techniques to develop a decision tree mode for diabetes prediction, aiding in early detection and prevention efforts.

Vehicle Number Plate Recognition — Developed a Python-based system to efficiently recognize vehicle number plates, enhancing security and access control measures.

PROFESSIONAL DEVELOPMENT

OpenEDG Python Institute: Programming with Python Professional Certificate
OpenEDG Python Institute
May 2024

Cert Prep: Certified Entry-Level Python Programmer (PCEP-30-02)
LinkedIn | May 2024

Python Data Structures and Algorithms
LinkedIn | May 2024

Software Engineer Certificate
HackerRank | May 2024

Ethics in the Age of Generative AI
LinkedIn | May 2024

Career Essentials in Generative AI by Microsoft and LinkedIn
Microsoft | May 2024

LANGUAGES

- English
- Hindi
- Marathi