Shankhanil Ghosh

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EDUCATION

University of Engineering and Management	Kolkata, India
B.TECH in Computer Science Engineering; **CGPA: 7.73**	*June 2017 – March 2021*
Army Public School Barrackpore	Barrackpore, India
Class 10th and 12th **Percentage: 79 / 81**	*2015 / 2017*

SKILLS

Languages: Python, JavaScript, HTML, CSS, java, TCL, MQL, Shell Script

Technologies: Django, Rest API, MySQL, JQuery, Git, Pandas, Numpy, Scikit Learn, Beautiful Soup

Methodologies: Agile, Scrum, OOP, Functional Programming

EXPERIENCE

Tata Consultancy Services — Kolkata, India
System Engineer — *November 2021 – Present, Full-time*

- Rewards Page Backend - Created a Backend Structure for a rewards page for a website. Skills Used: Django, Django Rest Framework, Javascript.
- LDAP Integration to Enovia - Integrated LDAP database accessible from Enovia v6.2010. Skills Used: Java, Javascript, JSP.
- ERP Automation - Developed a program in Shell Script that automates data retrieval from JDE ERP to change Enovia Objects' state based on gathered data. Skills Used: Java, Shell Script.
- GTIN Integration to Enovia - Contributed to bringing GTIN functionality to Enovia v6.2010 as per client's requirements. Skills Used: Javascript.
- TCL scripts for automation - Wrote scripts for automation, data fetching, correction, and modification for Enovia. Skills Used: TCL, Shell Script, MQL.

Code2Jobs Internship — Minivet System LLP, Kolkata, India
Software Engineer — *January 2019 – July 2019, Internship*

- Designed and implemented key features including user authentication, product management, order processing, and payment integration.
- Collaborated with frontend developers to integrate frontend and backend components for a seamless online shopping experience.
- Optimized database queries and server-side performance to enhance website responsiveness and scalability.

PROJECTS

Job Wallah — June 2024 - currently working

- A web scraping website which scrapes different job portals and presents the data based on customer requirements. MySQL database is used to store already scraped data for faster data output. Listings more than 30days old are deleted to keep database fresh and if needed scrape updated data

Ecommerce Website — GitHub • January 2024 - currently working

- Full stack e-commerce website for an art gallery and marketplace with admin panel, user accounts, order/revenue statistics

Quizz App — GitHub • February 2024 - March 2024

- Developed an app enabling teachers to create quizzes and students to participate with secure login, customizable questions, and score tracking. Functionalities like automated scoring, report card and marksheet, automated timers

Airbnb API Backend — GitHub • May 2024 - May 2024

- Created a full backend API for an Airbnb replica with user accounts, house listings, and booking functionalities including a matching learning model using datasets from kaggle to predict rent prices according to house details, Chat window for negotiations.

CRM Ecommerce   [GitHub](#) • April 2024 - May 2024
- Implemented user authentication, inventory management, shopping cart, checkout process, order management, responsive design, and mobile optimization features.

Restaurant Website   [GitHub](#) • January 2024 - February 2024
- Created a website for restaurant details, menu management, table booking, and basic authentication for users and managers.

————— CERTIFICATES —————

Python Django - The Practical Guide   *2024*
Udemy
Learned basics of Django, models, MVC, etc.