

Rishabh Srivastava

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WORK EXPERIENCE

Fstac(STACKPE TECHNOSOLUTIONS PRIVATE LIMITED.) **Feb. 2025 – Present**

Software Engineer, Tech Intern(Feb. 2025 - April 2025) *Bengaluru, Karnataka*

- Built and maintained RESTful APIs using Django Rest Framework (DRF) for microservices-based applications.
- Used Docker to set up and manage local development environments, running PostgreSQL, MongoDB, and Keycloak containers.
- Implemented authentication and authorization in microservices using Keycloak with role-based access control (RBAC).
- Worked with PostgreSQL and MongoDB, designing efficient database schemas and optimizing queries for performance.
- Collaborated using Bitbucket for version control and AWS for cloud deployments.

Tech Stacks: Python, Django, Docker, MongoDB, PostgreSQL, Keycloak, BitBucket, AWS.

Thirumathikart **May. 2024 – Jul. 2024**

Software Engineer Intern *Nit Trichy, Tamil Nadu*

- During my internship at Thirumathikart, I've contributed significantly to enhancing user experience and platform functionality for version 2.0. Integrated cart system.
- Introduced flexible delivery options, including manual delivery with tracking ID visibility. Enabled multiple product images (upto 20).

Tech Stacks: Angular, Go, Microservices, Elasticsearch, Redis, Kafka, Docker, Git.

EDUCATION

National Institute of Technology, Trichy **2021-2025**

B.Tech, Metallurgical and Materials Engineering, Minor In Computer Science *Trichy, Tamil Nadu*

SKILLS & CERTIFICATIONS

- **Certifications:** Machine Learning, Udemy([Link](#))
- **Languages:** C++, Python, Go, JavaScript, TypeScript
- **Web Development:** HTML/CSS, React, Angular, React Native, Redux, Django, REST APIs, MongoDB, MySQL, PostgreSQL, Redis
- **AI/ML:** Scikit-Learn, PyTorch, Natural Language Processing, Computer Vision
- **Technology:** Git, GitHub, AWS, CI/CD, Docker

PROJECTS

- **PHOTO-STREAM**([Link](#)) *React, Redux, Express.js, MongoDB, OAuth, Nodemailer, Redis, Cloudinary.*
Built a full-stack Image Management Platform with OpenAI API, supporting 10,000+ users, secure social login, and role-based authorization to enhance authentication and access control.
- **SENTIMENT ANALYSIS USING BERT**([Link](#)) *Python, PyTorch, Transformers, Scikit-Learn*
Developed a sentiment analysis application utilizing a pretrained transformer BERT to classify movie reviews from the IMDb dataset, achieving high accuracy through advanced natural language processing techniques.
- **MYESTORE**([Link](#)) *React, Redux, Express.js, MongoDB, JWT, Firebase*
Developed a full-stack e-commerce website enabling seamless user authentication, secure shopping, and efficient product management. Streamlined the user experience with features like product browsing and cart functionality.
- **AMAZON WEB SCRAPER**([Link](#)) *Python, Pandas, BeautifulSoup*
Implemented a web scraper for Amazon.in to extract product details, monitor price drops, and send email alerts, with data parsed into CSV formats.