

# UTKARSH GAUNIYAL

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## EDUCATION

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Bachelor of Technology in Electronics and Communications, GGSIPU

2019 - 2023

## EXPERIENCE

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### Software Engineer

March 2024 - Present

*Tech Mahindra — Bengaluru, Karnataka*

- Implemented **RESTful APIs** in **Java** to facilitate smooth communication between frontend and backend systems, effectively managing data requests and responses.
- Implemented asynchronous **Java** automation utilizing **AWS Textract API**, resulting in a significant reduction in document processing time by **50%**. This enhancement streamlined data storage processes, leading to a **70%** increase in operational efficiency within the document management sector.

### Python/Back End Developer

Aug 2021 - Sept 2021

*Neolen — Work From Home*

- Architected an Olympiad Web Application using **Django** and **Vue.js**, designed for nationwide utilization, leading to a **40%** increase in user registration and a **25%** rise in user engagement. Employed **PostgreSQL** for efficient data storage and retrieval, reducing query response time by **50%**.
- Utilized **Selenium** for web scraping to collect data from online sources, facilitating its integration into a Cricket Prediction Application.

### Google Code-In

Dec 2017 - Jan 2018

*Google — Work From Home*

- Developed and rigorously tested **npm** packages, ensuring cross-compatibility across various operating systems and environments, resulting in a **20%** reduction in reported software bugs
- Acquired valuable insights into Open Source Software (OSS) ecosystems, expanding knowledge and skills in collaborative development practices.

## PROJECTS

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**Grind** - A **Flutter** app that integrates gym discovery with social networking. Users effortlessly discover nearby gyms and connect with fitness enthusiasts, enjoying features reminiscent of popular social apps. Orchestrated robust **Firebase** authentication with multiple methods for secure access and **Firestore** for efficient data handling. Users personalize their experience, setting distances for gym searches and discovering like-minded fitness peers. ([GitHub](#))

**Spring Boot Chat App** - Developed a robust chat application using **Spring Boot** and **WebSocket**. The app allows users to register, create, update, and join channels, incorporating email verification for secure authentication. Users receive unique authentication tokens upon login. Real-time messaging enhances group discussions. Implemented a weekly email notification system using **Quartz** to update users on the top 10 trending channels. The application's data is efficiently managed with **PostgreSQL** as the database. This project demonstrates expertise in full-stack development, emphasizing seamless user experiences. ([GitHub](#))

**PDF-Generator** - PDF-Generator is a full-stack project using **Next.js**, **Express.js** and **MongoDB** for personalized PDF manipulation. The intuitive frontend allows easy PDF uploads and page selection. The robust **Express.js** backend handles authentication using JWT, file management, and precise page extraction via API endpoints. Rigorous testing with **Jest** and **Supertest** ensures reliability. Demonstrates expertise in creating an efficient PDF manipulation platform. ([GitHub](#)) ([Website](#)) ([REST API](#))