

Kushagra Agarwal

Versatile Software Engineer

 [Kushagra Agarwal](#)  [Kushagra agarwal](#)

 India  +917081056000  kushagra0304@gmail.com

Experience

Hindustan Aeronautics Limited

Software Engineer (Internship)

June 2024 - July 2024

Kanpur, UP, India

- **Tech stack:** Better-sqlite3, Node.js, Express.js, React.js
- Built an Inventory management system for IT equipment, along with item loan history

4Fox Media

Fullstack Developer (Freelance)

July 2024 - present

Kanpur, UP, India

- **Tech stack:** Next.js (For frontend only), SST (AWS Lambda), MongoDB, AWS S3, GraphQL, TypeScript, Node.js
- **Features:** AWS Lambda, CI/CD, Serverless Architecture
- Streamline task delegation and tracking for employee performance
- Developed a dashboard and metrics for tracking the entire campaign life cycle.
- Streamline client onboarding and offboarding.

4Fox Media

Fullstack Developer (Freelance)

May 2024 - June 2024

Kanpur, UP, India

- **Tech stack:** Express.js, Node.js, MongoDB, React, Cypress, puppeteer
- **Features:** JWT, End to end testing, Cookies, OAuth 2.0, HTML to PDF generation, User access management
- An application to streamline the creation and distribution of contracts between two parties, featuring browserwrap contracts.
- A multiuser application with third-party login integration using ZOHO Mail and an in-built mail client.
- Textual search and filters to retrieve old contracts, with options for single and zipped bulk downloads.

Malay Enterprises

Fullstack developer (Freelance)

Jan 2024 - Mar 2024

Kanpur, UP, India

- **Tech Stack:** MongoDB, Node.js, Express.js, React, Redux, Puppeteer
- **Features:** PWA, Barcode scanner, Dynamic filters, 2 part application, excel reader, Tally integration for bill creation
- Developed an ERP to manage stock using QR codes. Restocking of inventory is done through excel sheets.

Education

Pranveer Singh Institute of Technology

Computer science(AIML specialization)

November 2021 - present

Bachelor of Technology

Projects

Document-based RAG chatbot

August 2024 - September 2024

JavaScript, RAG, Chatbot, Langchain, Vector database, embeddings

Skills

Data Structures and Algorithm

Java, JavaScript, Python, C++

Development

JavaScript, TypeScript, HTML/CSS, React, Node.js, Express.js, Next.js, GraphQL, Rest API, CI/CD, Redux

Databases


MongoDB, PostgreSQL

Computer Networks

AKTU-KCS603
TCP/IP, OSI Model, Network Topology

Certifications

Fullstackopen

University of Helsinki, Finland 

October 2023

Discription: <https://fullstackopen.com>

Awards

PSIT 2nd year Hackathon

PSIT 

March 2022

First Runner up in first year college competitive coding contest.