# Akshat Bahuguna

*Full Stack Developer*

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## PROFESSIONAL EXPERIENCE

**Full Stack Developer,** *Stealth Startup*                                              11/2022 – Present
- Implemented an AWS serverless solutions to index vast amounts of data for enterprise clients, enhancing file search efficiency in AWS S3 buckets.
- Worked on optimization of semantic search algorithms and file indexing processes, by significantly reducing operational times from 30-40 minutes to mere minutes.
- Played a crucial role in creating an intuitive interface for locating files and in refining cloud resource management, resulting in cost reductions and enhanced performance.

**Founder / Full Stack Developer,** *Placehunt.in* ⇗                                     12/2023 – present
- Developed single-handedly within 2.5 months, the entire application encompasses backend management, web frontend, Android application, and iOS applications.
- It serves as a commission-free platform designed specifically for students in search of accommodations like hostels, PGs, and flats.
- The revenue model comprises two listing plans for properties: a fee of 10,000 rupees for hostels and 5,000 rupees for flats and PGs.
- Within the initial months of the application's release, it attracted 300 active users and secured 39 paid customers, leading to approximately ₹2.5 lakhs in revenue.

**Software Developer,** *Rapid Innovation* ⇗                                             08/2021 – 10/2022
- Specialized in blockchain and smart contract development at Rapid Innovation, focused on **Ethereum** and **Solidity** to build decentralized applications (dApps) across various industries.
- Utilized frameworks like **Truffle**, **Hardhat**, and **web3.js** for dApp development, integrating with Ethereum blockchain via tools like **MetaMask** and **Infura**; involved in projects such as an **NFT marketplace** ⇗ and **Global asset management** ⇗ applications.
- Employed technologies like **Reactjs**, **AngularJS**, **Node.js**, **Express**, **MongoDB**, and **IPFS** in dApp development to ensure robust user interfaces, backend management, and secure, distributed data storage.

**Cloud Developer Intern,** *Cyberoi Systems* ⇗                                          05/2021 – 07/2021
- Developed **Insmeal** ⇗ , a U.S. food delivery app, using **AWS serverless** cloud technologies (**Lambda**, **EC2**, **S3**, **Lightsail**).
- Architected a **microservice** solution with AWS **Lambda** and **API Gateway**,etc for quick development and deployment of features.
- Leveraged **AWS S3** for storing user content and used **AWS EC2** for background tasks and data analysis.

**Internship,** *Kiwi Kisan Window* ⇗                                                    02/2020 – 08/2020
- Worked on an e-commerce platform for Kiwi Kisan Window using **ReactJS** and **Python**/**Django**.
- Used AWS **EC2** & **Lightsail, Amplify** for backend and frontend deployment.

## PROJECTS

**Equa Global** ⇗
- Built **Equa** ⇗ , an advanced asset management software equipped with features such as Cap Table Management, Incentive Plans, Issuance, and Compliance Features.
- Utilized **Web3.js** to incorporate features such as valuation of blockchain wallet's assets, retrieval of **NFTs**, and related functionalities.

**Intwiff App** ⇗
- Developed softwares for a bike rental platform, featuring B2B and B2C panels, and established advanced data analytics for informed client decisions.
- Enhanced bike reservation, rental checkout, and payment processing using **Node.js** for backend and **React.js**, **Bootstrap**, and **Tailwind** for user interfaces, while ensuring secure data management with **MySQL**, **MongoDB**, and **Redis** for caching.

**Rexnet** ⇗
- Contributed to **Rexnet** ⇗ , a platform leveraging Web3 technology for listing and bidding on real estate and assets.
- Created **ERC20** tokens on the Ethereum mainnet for the purpose of buying and realtime bidding on assets.

**Snack Vending Machine**
- Designed and engineered a snack vending machine using **IoT** devices such as **Raspberry Pi**, **ESP32**, and **Arduino**, and executed a fully cashless payment system using **Paytm Payment Gateway**.

## SKILLS

Reactjs  ●  React Native  ●  Nodejs  ●  Express.js  ●  Flutter  ●  HTML  ●  CSS  ●  Python  ●  Nestjs  ●  Nextjs  ●  Amazon Web Services

## EDUCATION

**Bachelors in Business Administration,** *Graphic Era Hill University*                  2018 – 2021