

Ashutosh Yadav

Software Engineer | Golang | Python | JavaScript | ReactJS | AWS | Microservice

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SUMMARY

- **Experienced Software Engineer skilled in Golang, Python, ReactJS, AWS, and Microservice Architecture with expertise in API integration and full-stack development. Proven ability to collaborate effectively in a team environment to deliver high-quality solutions. Seeking a challenging role to leverage and expand my skills.:**

SKILLS

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| <ul style="list-style-type: none">• Languages: Golang, Python, JavaScript, Solidity• Front-end Tools: ReactJS, HTML, CSS, Bootstrap, Material-UI• Libraries: ReactJS, Pandas, Numpy, Web3.js, Web3.py | <ul style="list-style-type: none">• Database: SQL, MongoDB• Cloud Services: AWS, Firebase• Framework: Django, Flask• Tools: GIT, JIRA, Linux, Mac |
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EXPERIENCE

- **Finnovation Tech Pvt. Ltd. (KreditBee)** Bangalore, KA
Software Developer - Fund Team — Loan Disbursement Segment Dec 2021 - Current
 - **API Integration and Modifications:** Worked on integration and modifications of APIs for five fund partners using Golang, AWS, MySQL, and Microservice Architecture.
 - **Real-time Fund Status Tracker:** Developed and implemented a real-time fund status tracker utilizing AWS events, resulting in improved visibility and accountability for fund assignments and rejections.
 - **Repayment Integration:** Developed a repayment integration solution for various fund partners using SNS, crons, and APIs, reducing the manual effort of updating payment details by 70% and delivering timely updates to fund partners which reduced the manual efforts of internal and external team.
 - **AWS Services:** Utilized AWS lambda, SNS, SQS, EC2, S3, API gateways, Microservice Architecture, and Cloud-Watch services.
- **Apprenticeship** Jun 2021 - Nov 2021
Trainee Software Engineer
 - **Laundry Service Application:** Built a laundry service application where users can create and cancel orders.
 - **Technologies Used:** Utilized JavaScript, ReactJS, NodeJS, ExpressJS, MongoDB, HTML, CSS, Bootstrap framework, jQuery, bcrypt, and JSON web token.
 - **Log In/Sign Up Functionality:** Implemented log-in/sign-up functionality using jwt and bcrypt for authentication and password hashing.
 - **MongoDB Atlas:** Utilized MongoDB Atlas as a server database.
 - **Data Retrieval and Posting:** Connected the front-end to the back-end using Axios to retrieve and post the data.
 - **GitHub Repository:** Code available at : <https://github.com/AnushaPhyrdha/LaundryServices>

ACADEMIC PROJECTS

- **Affordable Electricity Generation Using Advanced Piezoelectric Materials (Major Project):** Led a team in designing and developing a prototype for affordable electricity generation using advanced piezoelectric materials. Conducted extensive research on piezoelectric materials and their applications in energy generation. Designed and fabricated a piezoelectric generator and tested its efficiency in generating electricity.
- **Number Guessing Game using Python (Individual Project):** Designed and developed a number guessing game using Python. Implemented various features such as difficulty levels and score tracking. Utilized object-oriented programming concepts to create an interactive user interface.
- **Gimbal for Drones for Camera Stabilization (Internship Project):** Collaborated with a team to design and develop a gimbal for drones to stabilize the camera during flight. Conducted research on drone mechanics and camera stabilization techniques. Designed and fabricated a 3-axis gimbal and tested its performance in stabilizing the camera.

EDUCATION

- **Gujarat Technological University** Valsad, GJ
Bachelors of Mechanical Engineering Aug 2015 - Jul 2019
 - **Courses:** Advance Mathematics, Control Engineering, Dynamics of Vehicles and Automotive, Machine Code and Automation in production engineering
- **Gujarat Board** Surat, GJ
Science Field (PCM) Jul 2013 - Apr 2015
 - **Courses:** Physics, Chemistry, Maths

HONORS AND AWARDS

- Integrated more than 47 third-party fund partner APIs into KreditBee successfully, resulting in better services for the customers.
- Represented university in national-level chess tournaments, won two gold medals in inter-college tournaments, demonstrating strong strategic thinking and analytical skills.
- Represented university in national-level football tournaments, won three gold medals in inter-college tournaments, displaying physical fitness, teamwork, and dedication.