

# Ashutosh Yadav

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

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### SUMMARY

- **Experienced Software Engineer skilled in Golang, Python, AWS, and ReactJS 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"><li>• <b>Languages:</b> Golang, Python, JavaScript, Solidity</li><li>• <b>Front-end Tools:</b> ReactJS, HTML, CSS, Bootstrap, Material-UI</li><li>• <b>Libraries:</b> ReactJS, Pandas, Numpy, Web3.js, Web3.py</li></ul> | <ul style="list-style-type: none"><li>• <b>Database:</b> SQL, MongoDB</li><li>• <b>Cloud Services:</b> AWS, Firebase</li><li>• <b>Framework:</b> Django, Flask</li><li>• <b>Tools:</b> GIT, JIRA, Linux, Mac</li></ul> |
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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, and MySQL.
  - **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, 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/LanundryServices>

### 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

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- 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.