AASTHA SHUKLA (aasthas2022@gmail.com)

linkedin.com/in/aastha-shukla | github.com/aasthas2022 | +13157664567 | aasthas.web.app | New York*

EMPLOYMENT HISTORY

Senior Software Engineer - Full Stack Developer | House of Web3 — May 2023 - August 2023
(*Leveraged: JavaScript/Typescript, Node, React, MongoDB, MySQL, Snowflake, Java, Spring, Flutter, Firebase, Docker, AWS, Terraform*)
- Orchestrated highly distributed and scalable RESTful API and cross-platform app (Android, iOS and web app) to manage **2450+ daily news articles from 57+ outlets**; leveraged **OpenAI's API** for AI summarization, **saving 50 hours/week** in content curation
- Led a **team 4** through entire software development lifecycle for an event management cloud-native app which **supports 50+ events, 30+ hosts, 2000+ attendees**, resulting in **35% reduction in event coordination efforts**

Senior Software Engineer - Full Stack Developer | Cimpress Technology — July 2019 - July 2022
(*Leveraged: JavaScript/Typescript, Node, React, MySQL, Snowflake, Looker, Java, Spring, Python, Docker, AWS, Terraform, New Relic, Git*)
- Supervised implementation of custom broker document service, post-Brexit **resulting in annual cost saving of €1 Million+**
- Streamlined a highly scalable Tracking Information System to track shipments processing 17 Million+ events/day
- Developed, supported, and A/B tested **65+ medium-large cloud-native API-first microservices** fulfilling **2.5 Million+ request/year**
- **Mentored 4 recent graduates** through a 3-month onboarding program, fostering alignment with company vision and culture
- Collaborated with **15+** cross-functional teams, product owners, stakeholders, clients spanning **5+ time zones** in **agile** environment

Software Engineer - Data Science & IT Strategy Analyst | MonkJob — September 2018 - July 2019
(*Leveraged: Python, Java, Postgres, Supervised Machine Learning Algorithms, Kubernetes, AWS, Terraform, Bitbucket*)
- Devised algorithm to **enhance candidate recommendation accuracy by 20%** and **reduce hiring time by 10%** from PDF resumes

Software Engineer - Full Stack Automation Engineer | RobonomicsAI — June 2018 - July 2019
(*Leveraged: Python, SQL, Supervised Machine Learning Algorithm-Support Vector Machine, Robotic Process Automation-UiPath, Git*)
- Pioneered *Customized Automated Email Response Bot Using ML and RPA*, effectively **reducing manual workload by 60%** and winning "Best Research Project-Undergraduate Category" at 21st ISTE National Convention **midst 65+ projects**

EDUCATION
- **Master of Science - Computer Science | Syracuse University** | New York, USA — *August 2022 - May 2024*
- **Bachelor of Engineering - Information Technology | University of Mumbai** | Mumbai, India — *June 2015 - July 2019*

TECHNICAL SKILLS
- **Development**: JavaScript/TypeScript, Python, Java, Android (Kotlin), iOS (Swift UI), Flutter
- **Frameworks/Tools**: Node, React, Vue, Next, Express, Webpack, Spring Boot, Mocha, Jest, Junit, Jenkins
- **Database and Visualization Tools:** SQL, MongoDB, Redis, Firebase, Flyway, GraphQL, Snowflake, Tableau, PowerBI
- **Cloud (AWS):** EC2, S3, RDS, Lambda, VPC, IAM, Route 53, CloudFormation, CloudWatch, DynamoDB, ECS, EKS, SQS, SNS, Kinesis, Glacier, Elastic Beanstalk, CodePipeline, CodeDeploy, CodeBuild, Glue, Athena, System Manager Parameter Store, Redshift
- **Project Management & Version Control (CI/CD) Tools:** Jira, Trello, Confluence, Notion, Git/Gitlab/Github Actions, Bitbucket
- **Others:** GCP, Unix/Linux/Bash, Terraform, Docker, Kubernetes, Sumologic, NewRelic, UiPath, Swagger, Postman

PROJECT EXPERIENCE

PitchPerfect - Smart, Professional, Redefined Cover Letters (Try it here | Project Link) — June 2024 - Present
- Developed a full stack web application leveraging **React, Express.js,** and **Google Generative AI** to automate personalized cover letter creation, achieving over **2,500 user-generated cover letters in the first week of go-live**

Book Reclaim Service - Your Premier Book Inventory Management System (Project Link) — March 2024 - May 2024
- Implemented a **Java Spring Boot web app** for managing an inventory of books, facilitating buying and selling transactions with user and book management functionalities, **MySQL database integration, RESTful API endpoints,** and **custom exception handling**

Blogr Service - One Stop-Shop for Blog and User Management (Project Link) — March 2024 - May 2024
- Engineered a scalable backend **Node.js application with Express, MongoDB,** and **Mongoose**, featuring advanced CRUD operations, pagination, tag-based filtering, and real-time server status checks, with comprehensive API documentation with Swagger integration

GPSEquity - Your Premier Stock Market Companion (Project Link) — February 2024 - May 2024
- Developed stock market app in **SwiftUI** with real-time stock data, curated educational content, and AI-powered chatbot using **Yahoo StockView, YouTube, and Gemini APIs** respectively, enhancing user engagement, financial literacy, and community collaboration

OTHER
- Delivered seminar on "Problem Solving and Ideation" for **350+ students** and **15+ faculty members** (2022)
- Invited as industrial expert to **provide mentorship** for undergraduate research projects for **successive 3 years** (2016 - 2019)
- Conducted workshops to **enrich 450+ high school students** about lesser-known engineering fields (2015 - 2022)

*open to relocation