

URJASHEE SHAW (Guwahati, Assam, India)

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GitHub: <https://github.com/Urjashee?tab=repositories>

LinkedIn: www.linkedin.com/in/urjashee-shaw-b51b9653

Projects: <https://gist.github.com/Urjashee/11b7f57aaaffee1310386a8c6f32f843>,
<https://docs.google.com/document/d/1qWqJa1mjxNupL6pMxTxyh5KDQcxc6qjlxLO114ZY2fg/edit?usp=sharing>

Objective:

Experienced full stack developer and project manager with expertise in various programming frameworks and project leadership roles. Seeking a challenging position in software development where I can leverage my skills in full stack development and management.

Education:

- **M. Tech in Computer Science and Engineering (Network Security)**
Assam Don Bosco University, 8.4 CGPA (August 2015 – July 2017)
 - **B. Tech in Computer Science and Engineering**
Assam Don Bosco University, 7.8 CGPA (August 2008 – July 2012)
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Work Experience:

- **Full Stack Developer | Simpalm** (November 2021 – Present, Remote)
 - Technologies: NodeJs, ExpressJs, Typescript, Django, Laravel, MySQL, Postgres, JavaScript, ReactJs, Redux, Git, GitHub, Docker, Kubernetes
 - Role: Developed and maintained full-stack applications, implemented CI/CD pipelines, and integrated AWS services for scalable deployments.
- **Managing Director | Northeast Software Technologies** (November 2019 – October 2021, Guwahati, Assam)
 - Technologies: Cordova, Hibernate, NodeJs, Laravel, MySQL, JavaScript, VueJs, Git, GitHub, Openlayers
 - Role: Oversaw projects and development, ensured timely delivery, and managed a team of developers.
- **Software Developer Consultant | Amigo Optima Software Solutions** (September 2018 – October 2019, Guwahati, Assam)

- Technologies: Cordova, Hibernate, Laravel, MySQL, JavaScript, VueJs, Git, GitHub
 - Role: Provided consulting services for software development projects, worked on mobile and web solutions.
 - **Project Manager | Digitalant** (July 2016 – June 2018, Guwahati, Assam)
 - Technologies: Laravel, MySQL, JavaScript, Android, Git, GitHub
 - Role: Managed multiple projects, coordinated with clients, and supervised development teams.
 - **Lecturer | Assam Engineering Institute (Polytechnic College)** (August 2013 – July 2015, Guwahati, Assam)
 - Taught computer science subjects, guided student projects, and mentored aspiring engineers.
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Skills:

- **Frameworks & Tools:** ExpressJs, Laravel, Django, Streamlit, CodeIgniter, ReactJs, VueJs, Flask
 - **Languages:** JavaScript (NodeJs), Typescript, Python, PHP, Java
 - **AI:** Machine Learning, Pandas, Numpy, Tensorflow, Langchain, Pinecone, CromaDB
 - **DevOps & Cloud:** Docker, Kubernetes, AWS (EC2, S3, Lambda, Cloud Formation, RDS, Glue, Kinesis, Dynamo DB)
 - **Version Control:** Git, GitHub, Bitbucket
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Achievements:

- Published research papers on VOIP, Big Data, and Social Network Forensics.
 - Qualified GATE examination.
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Languages:

- Fluent in English and Hindi
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Interests: Travel, Swimming, Technology, Sudoku, Problem Solving

Projects:

1. **ATLAS** (January 2025 - Present) (<https://www.atlasfree.org/>)
 - **Description:** An in-house application for the U.S. market that creates an ERP to manage and relocate victims of human trafficking.
 - **Role:** Full-stack developer responsible for designing and implementing the backend architecture using Python, Django and TypeORM and ReactJs, React Redux as the frontend. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** Python, Django, Typescript, ReactJs, React Redux, TypeORM, AWS (SES, SNS, S3, Beanstalk), CI/CD, Docker.

2. **FAMILY DEFENDER** (September 2024 – June 2025)
 - **Description:** An application for the U.S. market created for a family that includes the parents, children in the family and an advisor. The advisor is responsible for assigning a family plan to the family based on some survey results.
 - **Role:** Backend architecture using NodeJs, ExpressJs, Typescript and TypeORM. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** NodeJs, ExpressJs, Typescript, TypeORM, AWS (SES, SNS, S3, Beanstalk), CI/CD, Docker.

3. **REKKI (Recommendation apps)** (March 2024 – Present)
 - **Description:** An application for the U.S. market that allows users to create recommendations about movies, podcast, books music and share it with their friends.
 - **Role:** Full-stack developer responsible for designing and implementing the backend architecture using Python, Django and TypeORM and ReactJs, React Redux as the frontend. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** Python, Django, Typescript, ReactJs, React Redux, TypeORM, AWS (SES, SNS, S3, Beanstalk), CI/CD, Docker.

4. **INSTANT SECURITY** (December 2023 – Present)

- **Description:** An application for the U.S. market that allows users to create security jobs for a few hours and security guards in turn can apply for these jobs.
 - **Role:** Full-stack developer responsible for designing and implementing the backend architecture using NodeJs, ExpressJs, Typescript and TypeORM and ReactJs, React Redux as the frontend. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** NodeJs, ExpressJs, Typescript, ReactJs, React Redux, TypeORM, AWS (SES, SNS, S3, Beanstalk), CI/CD, Docker.
5. **SCHOOL CLOUD SOFTWARE** (March 2024 – September 2024)
- **Description:** An In-house ERP application for a client that keeps all the desired school management information in one place.
 - **Role:** Frontend development using ReactJs, React Redux. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** ReactJs, React Redux, PostgreSQL, AWS (SES, SNS, S3, Beanstalk), CI/CD.
6. **GYM DROP** (March 2023 – November 2023)
- **Description:** An application for the U.S. market that allows users to purchase day passes for gyms registered in the platform, providing easy access to fitness facilities without long-term commitments.
 - **Role:** Full-stack developer responsible for designing and implementing the backend architecture using Laravel and ReactJs, React Redux as the frontend.. Developed a CI/CD pipeline for seamless deployment and integrated multiple AWS services (SES, SNS, S3, Beanstalk) to enhance scalability and email notifications.
 - **Technology Stack:** Laravel, ReactJs, React Redux, PostgreSQL, AWS (SES, SNS, S3, Beanstalk), CI/CD.
7. **JAM SESSION** (December 2022 – May 2023)
- **Description:** A social networking application aimed at musicians, allowing them to connect, share, and collaborate for jam sessions and music creation. The platform offers features such as real-time chat, media sharing, and event planning.
 - **Role:** Led the backend development using Django and integrated it with ReactJs, React Redux for a seamless user experience. Configured AWS services for media

storage and notifications, and ensured high availability with a robust CI/CD workflow.

- **Technology Stack:** Django, ReactJs, React Redux, MySQL, AWS (SES, SNS, S3), CI/CD.

8. **COMPARE MEDSRX** (October 2022 – February 2023)

- **Description:** A U.S.-based web application designed to help users compare available discount cards for prescription drugs across different pharmacies, promoting cost-effective medication purchases.
- **Role:** Handled both backend and frontend tasks, using Django for server-side logic and ReactJs, React Redux for the user interface. Worked on integrating pharmacy data APIs and implemented AWS services for email communication and cloud storage.
- **Technology Stack:** Django, ReactJs, React Redux, PostgreSQL, AWS (SES, SNS, S3).

9. **DENTOLOGIE, Illinois** (May 2022 – November 2022)

- **Description:** A comprehensive web solution for a dental clinic, facilitating appointment scheduling, patient management, inventory tracking, and automated reminders.
- **Role:** Played a significant role in full-stack development, using Ruby on Rails for backend functionalities and ReactJs, React Redux for the frontend interface. Deployed the application using AWS Beanstalk and utilised various AWS services for email notifications, data storage, and database management.
- **Technology Stack:** Ruby on Rails, ReactJs, React Redux, PostgreSQL, AWS (Beanstalk, SES, SNS, S3, RDS).

10. **MANAGEMENT SYSTEM, Sawing High Climbers, Connecticut** (April 2022 – November 2022)

- **Description:** Developed a system for managing operations of a tree service company, including client proposals, project management, scheduling, and documentation.
- **Role:** Led the backend development using Laravel and built a dynamic ReactJs, React Redux frontend. Integrated email notification features and cloud storage using AWS services.
- **Technology Stack:** Laravel, ReactJs, React Redux, MySQL, AWS (SES, SNS, S3).

11. **BURIAL MANAGEMENT SYSTEM, Professional Cemetery Services, Illinois** (November 2021 – April 2022)

- **Description:** An application to streamline the management of burial processes, from form submission to grave closing, ensuring compliance and efficient operation.
- **Role:** Developed the system architecture and implemented key features using Laravel and ReactJs, React Redux. Utilized AWS for scalable cloud services, including email notifications and data storage.
- **Technology Stack:** Laravel, ReactJs, React Redux, MySQL, AWS (SES, SNS, S3).

12. **INDUSTRIAL MANAGEMENT SYSTEM, Department of Industries and Commerce, Assam** (December 2020 – November 2021)

- **Description:** A web application to view and manage industrial plots across Assam, aiding in monitoring, reporting, and decision-making for government officials.
- **Role:** Acted as the project leader, overseeing the development team, setting up the software architecture with CodeIgniter, and implementing geospatial data visualization using OpenLayers.
- **Technology Stack:** CodeIgniter, JavaScript, MySQL, OpenLayers 3+, DigitalOcean.

13. **ASSET MANAGEMENT, Department of Environment and Forest, Assam** (September 2020 – December 2020)

- **Description:** A software solution for tracking and managing assets such as roads, buildings, nurseries, wildlife sightings and forest resources across the state.
- **Role:** Led the development as a project leader, using Hibernate and Cordova for a cross-platform solution, and integrated mapping functionalities with OpenLayers.
- **Technology Stack:** Hibernate, Cordova, JavaScript, MySQL, OpenLayers 3+, DigitalOcean.

14. **VEHICLE AND PERSONAL SAFETY AND ROAD MONITORING, Department of Environment and Forest, Assam** (April 2019 – June 2020)

- **Description:** Developed a monitoring system to track road safety along with government vehicles and personnel, enhancing safety and operational efficiency.
- **Role:** Project leader responsible for planning, execution, and integration of various system components using Laravel, VueJs, and DigitalOcean cloud services.
- **Technology Stack:** Laravel, VueJs, MySQL, OpenLayers 3+, DigitalOcean.

15. **MINES MONITORING, Department of Environment and Forest, Assam** (September 2018 – March 2019)
- **Description:** A system to monitor road safety and mining activities, including tracking vehicles carrying minerals and maintaining regulatory compliance.
 - **Role:** Involved in designing the application architecture, implementing the system using Laravel and VueJs, and integrating geospatial functionalities with OpenLayers.
 - **Technology Stack:** Laravel, VueJs, MySQL, OpenLayers 3+, DigitalOcean.
16. **E-LEARNING SOFTWARE, NICT Shillong** (March 2018 – July 2018)
- **Description:** Developed an offline e-learning platform pre-installed on Android devices, allowing users to access educational content after registration.
 - **Role:** Worked as a programmer, contributing to the development using Android Studio and deploying cloud functionalities on GCP.
 - **Technology Stack:** Android Studio, Google Cloud Platform (GCP).
17. **IN-HOUSE PRODUCT AND STOCK MANAGEMENT, Repose SRD, Guwahati** (August 2017 – January 2018)
- **Description:** A small-scale ERP system for a bakery chain, covering inventory, sales, and employee management.
 - **Role:** Contributed to the development as a programmer, working on various modules using Laravel and JavaScript.
 - **Technology Stack:** Laravel, JavaScript, MySQL, GCP.