



# Chandrima Kabiraj

Software Engineer

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 [Portfolio website](#)



## PROFILE SUMMARY

- Technology-driven Software Engineer with more than 3 years of experience in translating business requirements and functional specification into code modules and software solutions.
- My experience makes me proficient in designing/developing applications in JavaScript libraries (React, Redux) and frameworks (Node, Express). Experienced in working with Jenkins for CI/CD, AWS services for cloud applications, terraform for infrastructure deployment, adept knowledge of API(REST/WebSocket) design and SQL/MongoDB for database management.
- Knowledge of designing automation test scripts through Playwright tool to facilitate regression, sanity, and smoke testing before software release.
- Engaged in the software development lifecycle to support the development, configuration, modification, and testing of integrated business and enterprise application solutions. Drives the adoption of new technologies by researching innovative technology trends and developments.
- Experience in implementing SonarQube for Code Quality Assurance that combines static and dynamic analysis and enables code quality to be measured continually over time.



## TECHNICAL SKILLS

- Agile methodologies (Scrum), JIRA
- Data Structures and Algorithms, Python, SQL, HTML, CSS
- JavaScript frameworks - ReactJS, TypeScript, NodeJS, ExpressJS.
- Database- MongoDB, SQL
- Test Automation framework – Playwright
- CI/CD pipelines – Jenkins and Terraform(basics)
- AWS services - EC2, Lambda, CloudWatch, DynamoDB.



## SOFT SKILLS



## WORK EXPERIENCE

*Software Engineer-1 | Ellucian ( from November,2022-Present)*

- Working on a software product EUP (Ethos User Provisioning) which is a SaaS solution for user account provisioning that automates the process of provisioning users from our ERP systems to directory servers such as Azure AD, Okta, OpenLdap and Scim.
- Knowledge of building, designing functional components and deploying UI, backend applications using Node.js/express.js, frontend - React/Redux applications by implementation of different services—Amplify, Lambda, IAM, API Gateway and DynamoDB for building web application. Experience with modern testing frameworks (e.g., Jest, React testing library).
- Knowledge of working and designing AWS lambda functions used in fetching, validation, and authentication of JWT tokens and sensitive data (like Lambda function both make calls to the OAuth server to retrieve a token using client credentials).
- Designed applications for storing and retrieving data from DynamoDB and forwarding logs to AWS CloudWatch or even connecting to DataDog dashboard.
- Experience in working with CI/CD tool Jenkins and run terraform scripts using Jenkins job for deploying applications.
- Designing test automation scripts (invoking UI elements/intercepting API responses) using Playwright to automate regression, smoke and unit testing required prior to every software release

### *Programmer Analyst / Cognizant Technology Solutions (from September,2021-November,2022)*

- Code analysis, modification and enhancement of existing web applications based on JavaScript.
- Development of well designed, testable, efficient code for new applications and interfaces by creating components on implementation of ReactJS and creating APIs for servers in the backend.
- Supported continuous improvement by investigating alternatives and technologies and presenting them for architectural review.
- Supported queries of QA testing, directing system testing and validation procedures and took part in every level of software development cycle.
- Preparing reports on programming project specifications, activities, or status and conferring with project managers to obtain information on limitations or capabilities.
- Experience with Agile Development, SCRUM.

### *CSD Intern / Cognizant Technology Solutions( from July,2021-September,2021)*

- Contributed to all phases of design, development and testing of new software features in C/C++, Python or JavaScript.
- Involve tasks like data pre-processing, making graphical output plots, and GUI for small applications.
- Created web applications using Express.js and using it to render a website with live API data.
- Learn new technologies and concepts, including but not limited to C#, JavaScript, SQL, and cloud Computing.



### **EDUCATION**

B.Tech (Bachelors in Technology) in Electrical Engineering, MAKAUT( 2017-2021)  
Overall CGPA- 8.80.



### **PROJECT EXPERIENCE**

- **Portfolio website-** Built a responsive Portfolio Website with Email Functionality (EmailJs) using React js, Bootstrap, Redux and NodeJS. The website includes smooth scrolling, fade-in animation, React Toastify (basic), React Owl Carousel and react type effect.  
Website link - <https://chandrimakabiraj.github.io/MyPortfolio/>  
GitHub Link - <https://github.com/ChandrimaKabiraj/MyPortfolio>
- **Ecommerce website-** Built an interactive Ecommerce website with modern design and animations, the ability to add and edit products on the go using a Sanity, all advanced cart, and checkout functionalities, and complete integration with Stripe to cover real payments.  
GitHub Link- <https://github.com/ChandrimaKabiraj/Ecommerce-website>
- **Form API-** Built an interactive Newsletter application implementing Expressjs, posting data to servers via their API and ultimately deploying server working on REST API and requests.  
GitHub Link- <https://github.com/ChandrimaKabiraj/Form-API>

### **Personal Details:**

Date of Birth: 8<sup>th</sup> October,1998  
Father's Name: Sri Saroj Kabiraj  
Blood Group: B-ve  
Hobby: Singing, Travelling.  
Religion: Hinduism  
Nationality: Indian  
Cast: General