

# Ebinesh A

## Software Engineer | Full-Stack Product Development

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### PROFESSIONAL SUMMARY

Software Engineer with experience owning web products across requirements, architecture, implementation, integrations, release, and maintenance. Builds full-stack systems with PHP, Python, JavaScript/TypeScript, React, and Qwik, with practical experience in assessment platforms, CRM workflows, AI-assisted automation, performance optimization, and cloud deployment. Known for taking initiative on operational problems, learning unfamiliar technologies quickly, and delivering working products with clear engineering trade-offs.

### PROFESSIONAL EXPERIENCE

**HCL GUVI — Chennai, Tamil Nadu** Jan 2024 – Present  
Software Engineer (Sep 2025–Present) · Associate Software Engineer (Sep 2024–Aug 2025) · Associate Software Engineer Intern (Jan–Aug 2024)

**Internal Product MVP — Learning Platform Prototype** · API integrations, AI-assisted development

- Researched platform APIs, planned the integration, and built a customized MVP for product review.
- Explored learner progress tracking and content access controls.

**Dora CRM and Lead Management** · React, Python, FastAPI, PostgreSQL, AWS

- Own feature delivery across requirements, technical planning, implementation review, integration, and releases; guide two interns.
- Built an AI-assisted workflow that reviews call transcripts against sales guidance and presents evidence to managers.
- Managers review the findings and make any lead reactivation decisions.

**Resume Builder** · React, Python, FastAPI

- Worked with stakeholders to gather requirements and built the product from scratch using React, Python, and FastAPI.
- Planned and assigned work to two interns, mentoring them and guiding delivery against timelines.
- Reviewed and tested contributions, integrated the work, and deployed the application to AWS.

**Placement Preparation Platform** · PHP, MongoDB, Redis, React, Qwik, React Native, Python

- Took ownership of assessment product work, integrating the internal HireMe proctored testing platform and building an in-house assessment experience with result processing and learner reports.
- Turned static learning content into an interactive coding playground with an embedded code editor, giving learners a place to practice and contributing to increased product traffic.
- Built AI-assisted content and question preparation workflows using document conversion and structured LLM output, reducing manual publishing work; also contributed to the React-to-Qwik evolution.

**Placement Preparation Blog** · WordPress, PHP, JavaScript, jQuery, HTML, CSS, Playwright

- Refactored the WordPress theme and improved image, script, and resource loading to improve page performance.
- Added Playwright checks for metadata, headings, FAQs, and SEO issues before deployment.

**Mallow Technologies — Coimbatore, Tamil Nadu** Aug 2023 – Dec 2023  
Associate Software Engineer Intern

- Completed a proof of concept using Ruby on Rails, applying MVC patterns and building practical experience with application structure and implementation.

### SELECTED PROJECTS

**IntoLink — URL Shortener** · Go, Gin, Redis, Docker, Google Cloud Run

Built and deployed a URL-shortening service to learn Go through a complete backend product. Includes smart routing, duplicate prevention through reverse indexing, click tracking, JSON API and browser flows, containerized deployment, and Cloud Build CI/CD. Includes comprehensive unit tests.

**Articles on Bible — Bilingual Publishing Platform** · Python, Telegram Bot, Gemini API, Supabase, Google Cloud TTS

Independently built and maintain a Tamil and English article platform with an AI-assisted publishing workflow. Converts and cleans source documents, generates structured content, prepares text for speech, creates audio, and associates audio with published articles. The source resume confirms the platform and stack; user-count and time-saving figures are omitted because they remain unverified.

**Kirana Agent — Telegram Store Operations Assistant** · Python, Google ADK, Gemini, Supabase, Cloud Run

Conversational store operations prototype covering stock, multi-turn GST billing, credit ledger, Tamil PDF invoices, and analytics decks. Uses PostgreSQL row-level locking to protect concurrent inventory updates; includes unit and end-to-end tests and CI/CD.

**Open Source: React Native Community Upgrade Helper**

Contributed a change resolving issue #413 in the official upgrade-helper project.

**TECHNICAL SKILLS**

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**Languages:** JavaScript, TypeScript, Python, PHP, Go, Ruby, SQL, Shell  
**Frontend:** React, Qwik, React Native, HTML, CSS, jQuery, Bootstrap, WordPress  
**Backend:** FastAPI, Node.js, Express, PHP REST APIs, Gin, Django, Ruby on Rails  
**Data:** PostgreSQL, MongoDB, Redis, MySQL, Supabase  
**Cloud & Tools:** AWS, Google Cloud Run, Cloud Build, Docker, GitHub Actions, Playwright, Postman, Git  
**Applied AI:** LLM integrations, schema-guided content processing, workflow automation, Google ADK

**COMMUNITY & KNOWLEDGE SHARING**

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- Volunteer with Chalkpiece, an NGO: facilitated design education for children and coordinated a training session for Cognizant employee volunteers.
- Delivered more than three technical talks or knowledge-sharing sessions; writes about software testing and MongoDB on Medium.

**EDUCATION**

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**Sri Ramakrishna Institute of Technology — Coimbatore, Tamil Nadu**  
Bachelor of Engineering in Computer Science and Engineering · CGPA: 8.55 / 10.00

May 2024