# Mateus Melo

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👔 linkedin.com/in/mateus-melo | 🖨 Download as PDF | Last Updated: March 5th, 2025

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## Professional Experience

### TrueChange
*Software Engineer (Full-stack) | Jan 2023 – Present*

- Accelerated onboarding by completing OutSystems and Mendix certification 3 days ahead of schedule; ranked #1 among 10+ new hires.
- Introduced asynchronous communication workflows (Teams), reducing meeting hours by 30% and accelerating sprint delivery by 15%.

### Startec Telecom
*Software Engineer (Full-stack) / IoT Developer | Feb 2022 – Nov 2022*

- Built an IoT monitoring platform (React/Flask/GCP) using MQTT, processing 10K+ daily sensor readings.
- Redesigned hardware calibration protocols, improving temperature sensor accuracy by 82%.

### Liferay
*Software Engineer (Front-end) | Feb 2021 – Jan 2022*

- Collaboratively developed 10+ reusable React components (Tooltip, Date Validator), adopted across 3+ product teams.
- Identified and resolved memory leaks in legacy code, unblocking a critical release deadline.
- Left after a layoff that affected multiple employees

### EuroPay
*Software Engineer (Full-stack) | May 2020 – Feb 2021*

- Automated price calculation (Vue.js), reducing manual errors by 95% and saving 20+ weekly hours.
- Designed an AWS S3/Laravel image uploader, boosting product page customization by 60%.

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## Education

### B.S. Computer Engineering
*Federal University of Pernambuco (UFPE) | 2026*

### Electronics Technician
*Federal Institute of Pernambuco (IFPE) | 2015*

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## Technical Projects

### Bible CLI
[github.com/mateusmeloxyz/acf](github.com/mateusmeloxyz/acf) | AWK

- Terminal-based Bible reader with search functionality; 4+ github stars; 1+ forks.

### Weather App
[github.com/mateusmeloxyz/next-weather](github.com/mateusmeloxyz/next-weather) | React, Next.Js, Graphql

- Full-stack weather app with an API for live data.

### Church Website
[ibagrecife.xyz](ibagrecife.xyz) - ([archive](archive)) | HTML/CSS

- Lightweight, mobile-responsive site with 98/100 Lighthouse performance score.

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## Certifications

- EF SET C2 English Proficiency ([bit.ly/meloefset](bit.ly/meloefset))

- Google Cloud Skill Boost (3 badges, [bit.ly/melogcp](bit.ly/melogcp))

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## Skills

**Languages:** JavaScript/TypeScript, Python, C, PHP, SQL, HTML/CSS, VHDL, Assembly
**Frameworks:** React, Vue.js, Django, Express, Tailwind.css, Mendix, Outsystems, Laravel
**Tools:** GCP, Firebase, Docker, Jest, Git, Jira, Figma, Unix based systems, PCB Design
**Interests:** FOSS contributions, electronics repair, piano, multilingualism (Portuguese/English/Latin)

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