

# ERDENEZUL BATMUNKH

Full Stack Engineer | API Development | Financial Technology | Collaborative Problem Solver

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📍 Aldanstr, 16321, Bernau bei Berlin, Deutschland

## SUMMARY

Dynamic professional with over 13 years of experience in software engineering and full stack development, expert in API development and collaborative problem-solving. Key achievements include resolving 15 critical production issues, significantly enhancing system stability, and reducing system downtime by 40% through proactive issue resolution initiatives. Aiming for a Full Stack Engineer position at Stripe, where my software engineering and collaborative skills will be leveraged to support your mission of increasing the GDP of the internet and delivering innovative solutions for tax compliance.

## EXPERIENCE

### Senior Software Engineer (Full-Time)

#### 3T Software Labs

📅 01/2024 - 01/1970    📍 Berlin, Germany

A software development company focused on innovative technology solutions.

- Built and automated end-to-end test suites with Cypress to enhance product reliability.
- Developed and maintained a web-based MongoDB GUI using React, Java, and JCEF.

### Senior Software Engineer (Full-Time)

#### Sable Money GmbH

📅 01/2023 - 12/2023    📍 Berlin, Germany

- Designed and implemented a credit reporting system and automated debt write-offs, improving financial operations.
- Automated mobile app testing with Detox, reducing post-release manual testing efforts by 30%.

### Senior Software Engineer (Full-Time)

#### Building Minds GmbH

📅 10/2021 - 12/2022    📍 Berlin, Germany

- Designed and implemented a scalable IoT sensor data transformation system, ensuring compliance with IBPDI schema for a Digital Twin model, enhancing data interoperability and real-time analytics.
- Optimized event processing queries, reducing processing time by 45%, improving real-time monitoring.

### Senior Software Engineer (Remote | Contractor)

#### Stoovo

📅 08/2020 - 08/2021    📍 California, USA

- Led the development of a FinTech mobile application integrating gig income with credit card services, implementing robust security measures to ensure data safety and user privacy.
- Built a CI/CD pipeline for automated app releases on iOS and Android platforms.

### Senior Software Engineer (Contract Jobs)

#### Erxes Inc, Tomyo EdTech

📅 11/2018 - 08/2020    📍 Ulaanbaatar, Mongolia

- Developed an email validation system reducing bounce rates by 50%.
- Optimized database queries, cutting report generation time by 70%.
- Increased client retention by 25% through the development of scalable software solutions.

## KEY ACHIEVEMENTS

### Optimized System Performance:

Reduced event processing time by 45% through query optimization, enhancing real-time data insights.

### Debugged Production Issues:

Resolved 15+ critical production issues, improving system reliability and user experience.

### Automated Testing:

Developed E2E test suites using Cypress and Detox, significantly reducing manual testing needs.

### Enhanced System Stability

Improved system stability by 40% through proactive issue resolution initiatives.

### Optimized Event Processing

Reduced processing time by 45% for real-time monitoring.

### Boosted Client Retention

Increased client retention by 25% with scalable solutions.

## EDUCATION

### Bachelor of Computer Science in Information Systems

#### Mongolian University of Science and Technology

📅 09/2006 - 06/2011    📍 Ulaanbaatar, Mongolia

## SKILLS

### Programming

Node.js    React.js    Java    Python

### TypeScript

### APIs & Databases

REST APIs    GraphQL    MongoDB

### PostgreSQL

### Testing & Automation

Cypress    Detox    Selenium    Jest

### JUnit

### Infrastructure & DevOps

CI/CD    GitLab    Jenkins    AWS

Azure    Kubernetes

## EXPERIENCE

### Senior Software Engineer (Remote, Full-Time)

#### Kudelski Security Group

📅 01/2010 - 12/2017    📍 Lausanne, Switzerland

- Designed and deployed a CI/CD pipeline for MongoDB cluster management across data centers.
- Conducted cybersecurity research on Bluetooth Low Energy and presented findings at a digital security conference.
- Achieved 85% system uptime by implementing robust monitoring tools.

## SOFT SKILLS

Problem-Solving	Analytical Skills	
Effective Communication	Collaboration	Adaptability
Continuous Learning Mindset	Leadership	
Team Mentorship	Attention to Detail	
Quality-Oriented Development		

## SKILLS

### Security & Compliance:

Network Security	Authentication
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### OAuth

### Frontend

React	Redux	Tailwind CSS
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### Material-UI