

# ERDENE-UCH BYAMBABAYAR

✉ ochkofficial@gmail.com

☎ 80500021

🔗 <https://ochko-portfolio.vercel.app/>

## WORK EXPERIENCE

### Unread

Tech Lead

August 2023 - Present

- Developed a visually engaging news platform for young readers using Next.js & Tailwind CSS.
- Implemented Strapi as a CMS, creating custom APIs that accelerated development by 50%.
- Containerized legacy CakePHP code and resolved long-standing critical bugs (e.g., commenting, Google Analytics) despite the absence of GitHub access

### Pentra Cyber Securities

Cybersecurity Engineer

April 2023 - 2023 December

- Developed a web scraping pipeline using Python & Selenium, extracting large-scale data efficiently
- Built and deployed a serverless application using Next.js and Firebase, ensuring high scalability and seamless performance.
- Integrated scraped data into the platform, enhancing insights and usability.

### TeqStream LLC

Back-end Engineer

August 2022 - April 2023

- Optimized big data processing, reducing execution time from 30 minutes to 5 minutes (83% improvement).
- Migrated a legacy MySQL procedure to Node.js, improving code readability by 70% and simplifying debugging.
- Independently developed a documentation platform, leading to a 20% increase in company revenue.
- Identified and fixed security vulnerabilities (XSS, SQL Injection), strengthening system security.
- Mentored interns and new hires, reviewed their code, and managed pull request approvals, ensuring high-quality contributions and faster onboarding.
- Developed mobile applications using Flutter, ensuring a smooth and responsive user experience.

## AWARD

- **VOLGACTF 2023 ( International cybersecurity competition held in Russia ): FINALIST**
- **HARUULZANGI 2022( Mongolian biggest cybersecurity competition ): 2ND PLACE**
- **Hackday 2025 ( International cybersecurity competition held in Paris ): FINALIST**
- **BLACKHAT MEA 2024 ( Biggest CTF competition with 250 teams held in SAUDI ARABIA ): 37TH**
- **HackTheon Sejong 2024 ( International cybersecurity competition held in South Korea): FINALIST**
- **Haruulzangi 2025 ( Mongolian biggest cybersecurity competition ): 2ND PLACE**

## SKILLS

- HTML • CSS • JavaScript • TypeScript • React • Next.js • Chakra UI • Tailwind CSS • Material-UI • Redux
- Node.js • Express • PHP • Python • Flutter • Firebase • Firestore • MySQL • PostgreSQL • MongoDB
- REST API • GraphQL • Docker • Linux • AWS • GCP • Selenium • Cybersecurity • OWASP • Git • CI/CD
- Agile • Redis • WebSockets • Serverless • Penetration Testing