

# MOHAMED ELHELW

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## PROFESSIONAL SUMMARY

Full-stack software developer with hands-on experience building production-ready applications using JavaScript, React.js, Node.js, and SQL databases. Completed Northwestern University coding bootcamp and Discovery Partners Institute's Talent Accelerator Program. Experienced in the full Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), and Git version control. Career-changer bringing 12+ years of business operations leadership with proven troubleshooting, cross-functional team management, and regulatory compliance experience. Eager to apply strong JavaScript foundation and systematic problem-solving.

## TECHNICAL SKILLS

**Languages & Frameworks:** JavaScript (primary), React.js, Angular (foundational), Node.js, Express.js, Ruby on Rails, HTML5, CSS3

**Database & APIs:** MySQL, MongoDB, PostgreSQL, Oracle (foundational), SQL, NoSQL, RESTful APIs, GraphQL

**Development Tools:** Git, GitHub, GitHub Copilot, Postman, Heroku, FTP/SFTP, Databricks (foundational), version control systems

**Methodologies:** Agile development, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Test-Driven Development, debugging

**Additional:** Bootstrap, Tailwind CSS, JWT authentication, batch processing, AI/ML concepts, firewalls (basic knowledge)

## RELEVANT TECHNICAL EXPERIENCE

### Talent Accelerator Program Participant | Discovery Partners Institute, Chicago, IL | *Completed 2025*

- Collaborate in agile teams to design, develop, and deploy full-stack web applications using Ruby on Rails, PostgreSQL, and modern frameworks
- Participate in code reviews and utilize GitHub for version control, following software development best practices
- Build cross-functional, multi-platform applications integrating APIs, databases, and front-end interfaces
- Apply problem-solving skills to debug code, troubleshoot technical issues, and implement solutions efficiently
- Engage in professional development workshops focused on enterprise software engineering and industry best practices

### Full Stack Development Projects | Northwestern University Coding Bootcamp | *Completed 2023*

- Developed end-to-end web applications using JavaScript, React.js, Node.js, Express, and MongoDB
- Implemented RESTful APIs and database integration with MySQL and NoSQL databases
- Applied OOP principles, testing methodologies, and debugging techniques across multiple projects
- Utilized Git/GitHub for version control and collaborative development workflows
- Created responsive, user-focused interfaces using Bootstrap and Tailwind CSS frameworks

## PROFESSIONAL BACKGROUND

### Self-Employed Driver | Uber, Chicago, IL | 2015 – 2024

- Maintained 4.9/5-star customer rating through exceptional service, reliability, and problem-solving
- Demonstrated strong communication skills, time management, and adaptability in fast-paced environment

### Truck Driver (Commercial Motor Vehicle) | Chicago, OTR | 2018 – 2020

- Managed time-sensitive deliveries and route logistics with discipline and accountability
- Strengthened independent decision-making and attention to detail
- Followed DOT regulations

### Supply Chain Manager | ATC, Cairo, Egypt | 2003 – 2015

- Led cross-functional teams and improved operational efficiency, increasing customer service levels from 45% to 85%
- Built strong partnerships, managed complex systems, and ensured regulatory compliance

## EDUCATION & CERTIFICATIONS

### Full Stack Web Development Certificate | Discovery Partners Institute, Chicago, IL | 2025

*Project-based software development program covering modern web technologies, agile methodologies, and professional development*

### Full Stack Web Development Bootcamp | Northwestern University, Chicago, IL | 2023

*Intensive 24-week program covering modern web development technologies, databases, APIs, and software engineering principles*

### Bachelor of Business & Economics (Finance) | Misr University for Science & Technology, Egypt

*Foundation in financial markets, business operations, and analytical problem-solving*