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# Ethan Alvey

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## Skills

- 10+ Years of experience in programming
    - Java, Swift, C#, C/C++, Objective C, Javascript, Node.js, React, Python, SQL, HTML/CSS, Dart
    - Git, AWS, MongoDB, VSCode, Google Firebase, Visual Studio, Eclipse, Flutter, JetBrains, Android Studio, XCode
  - 4+ years of experience building professional mobile applications
  - Microsoft Office (Completed BYU "Spreadsheets & Bus Analysis" class)
  - Proficient in creating and managing Facebook Ad campaigns
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## Experience

### Datafy / Jr Backend Developer

AUGUST 2023 - - Current, Boise, ID

- Developed professional software for Datafy using mainly Node.js and React
- Helped design and manage database structure in SQL and MongoDB
- Worked on full stack with an emphasis on the backend

### 6 Brothers Pest Control / Sales Representative

APRIL 2021 - August 2021, June 2023 - August 2023, Boise, ID

- Worked as a door-to-door sales representative selling pest control

### Fractyl Development LLC / Owner/Developer

NOVEMBER 2018 - AUGUST 2021, Parker, CO

- Co-founded Fractyl Development, a software development firm that specializes in mobile app development (fractyldev.com)
- Managed team of developers while also working as lead developer

### Private Math Tutor

2017 - 2020, Parker, CO

- Privately tutored grades K-12 in all levels of math
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## Education

### Brigham Young University / Computer Science

August 2020 - Current, Provo, UT

- Current sophomore at BYU-Provo, majoring in computer science
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## Accomplishments

- The Morse Project
    - Created application that vibrated your text messages in morse code
    - Placed 9th in Technology Student Association national competition
  - Waypoint
    - Created app that allowed users to post location specific information and generated a live map of your area
    - First place at Technology Student Association state competition
  - Flipper
    - Created application that allowed users to scan a barcode of any item and return an estimated sale value on Amazon & eBay
  - Cover Your Apps
    - Created application under direction of client to create, send, and sign basic electronic waivers
  - Completed Stanford iOS development course
  - Served mission for the Church of Jesus Christ of Latter-day Saints (Honduras 2021-2023)
  - Eagle Scout
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## Languages

- English
- Spanish