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AI Waitstaff for the modern restaurant

Problem

Restaurants face labor shortages, rising costs, and high turnover — leading to slow service, inefficiencies, and lost revenue
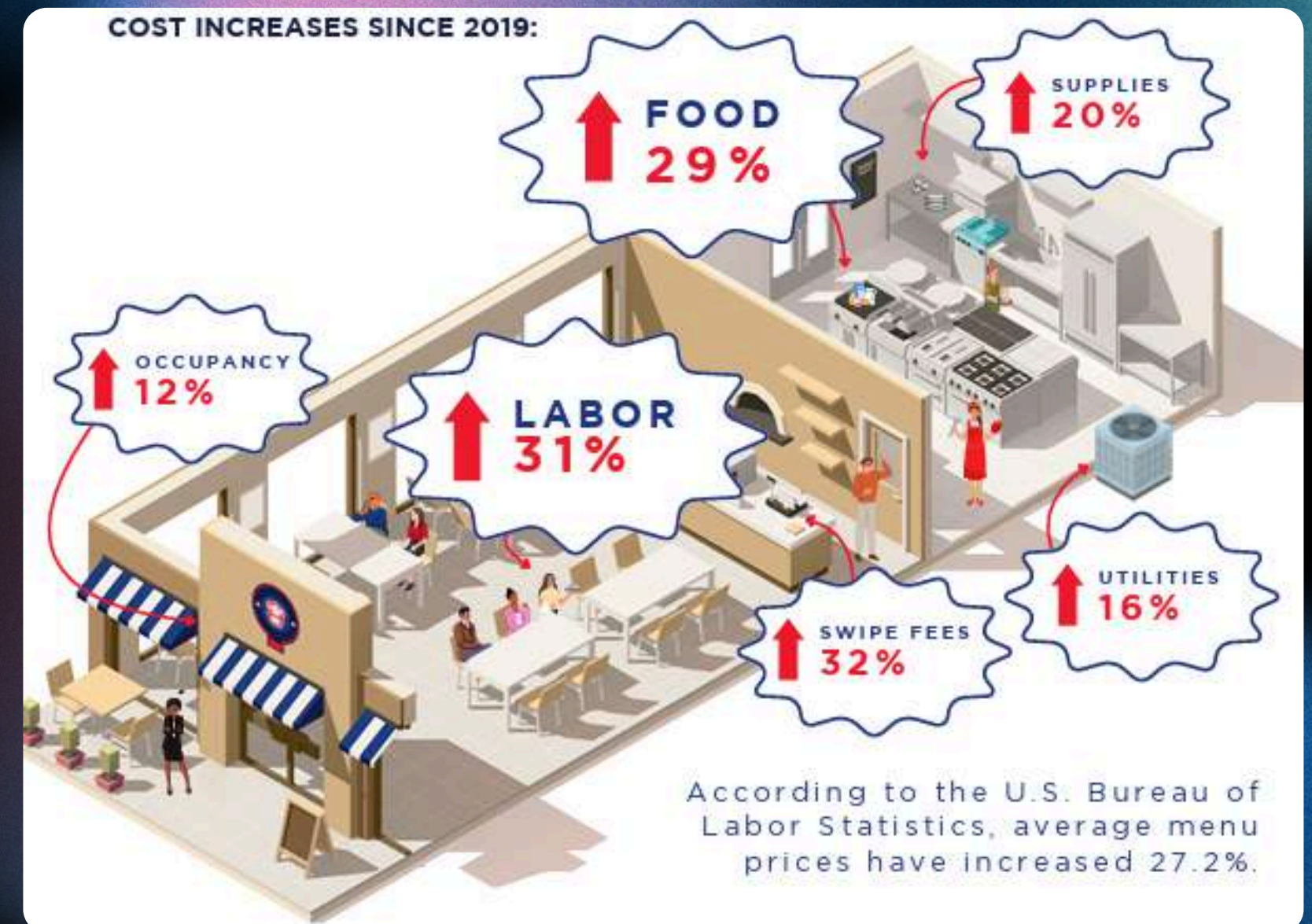
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Solution

AI-powered robots that automate order-taking, food delivery, and table service

Why Now? Why Restaurants?

- Restaurant costs are skyrocketing— automation cuts expenses and boosts margins

- AI advancements now enables voice-powered, error-free order taking

- Restaurant automation is growing at a 17% CAGR as adoption rises [1]

- Hospitals, malls, and factories have similar solutions but are dominated by costly, large players

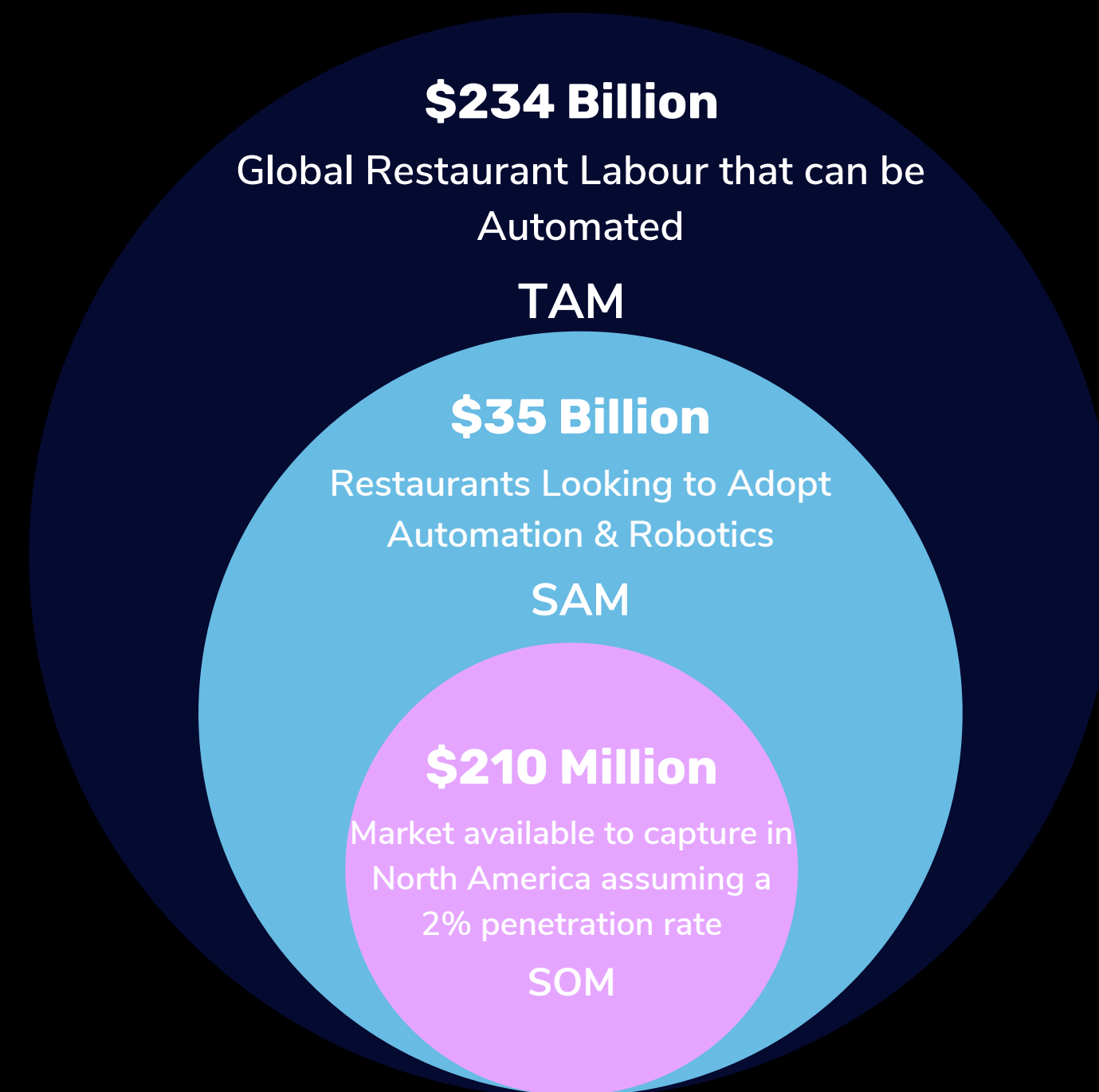[1] *Virtue Market Research, 2025*

COST INCREASES SINCE 2019:

FOOD 29%

SUPPLIES 20%

OCCUPANCY 12%

LABOR 31%

UTILITIES 16%

SWIPE FEES 32%

According to the U.S. Bureau of Labor Statistics, average menu prices have increased 27.2%.

National Restaurant Association, 2025

Cost Savings

Hourly Wage	Server Cost per Day (12 Hour Shift)	Cost per Month	Cost per Year	3E8 Cost per Month	3E8 Cost per Year	Annual Cost Savings w. 3E8
$10	$120	$3,600	$43,200	$450	$5,400	$37,800
$12	$144	$4,320	$51,840	$450	$5,400	$46,440
$14	$168	$5,040	$60,480	$450	$5,400	$55,080
$16	$192	$5,760	$69,120	$450	$5,400	$63,720
$18	$216	$6,480	$77,760	$450	$5,400	$72,360
$20	$240	$7,200	$86,400	$450	$5,400	$81,000

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Market Size

The global restaurant robot service market is expected to grow at a CAGR of 17% in 5 years

$35B x 30% = **$10.5B North America Market Size**

$10.5B x 2% (pen rate) = **$210M in Potential Revenue**

$234 Billion
Global Restaurant Labour that can be Automated
TAM

$35 Billion
Restaurants Looking to Adopt Automation & Robotics
SAM

$210 Million
Market available to capture in North America assuming a 2% penetration rate
SOM

The Product

- AI-powered order-taking with natural language processing
- Autonomous navigation with real-time obstacle avoidance
- Tracks water levels for timely refills
- Seamless POS & Payment integration
- Under $1000 per unit to develop
- Robot-as-a-Service (RaaS) for $15/day

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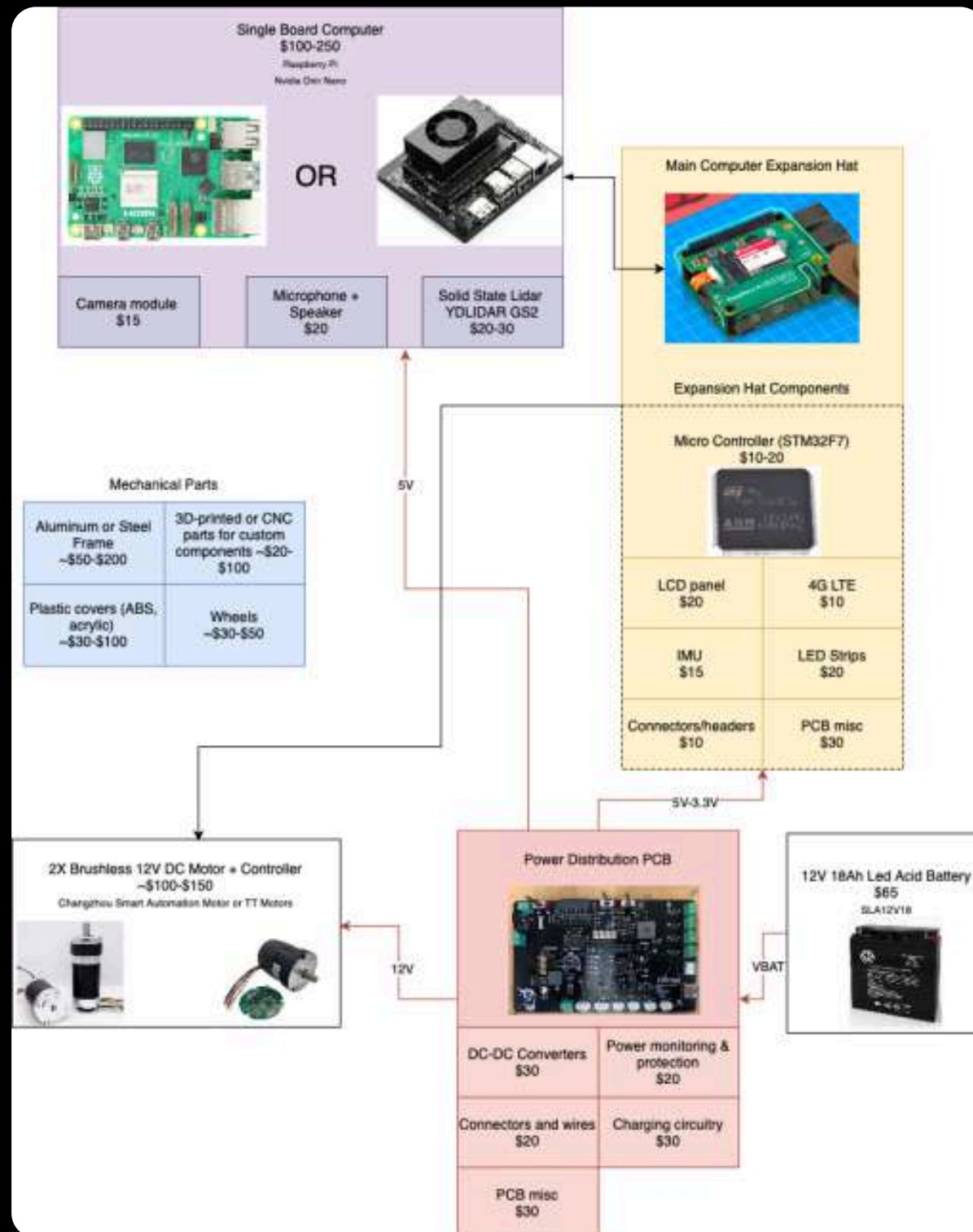
Competition

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Company	AI Voice Ordering	Autonomous Food Delivery	Payment Integration	Auto Refill & Service Alerts	Direct B2B RaaS Model	Purchase and Rental Price
ROBOTICS	✅	✅	✅	✅	✅	$450/Mo
Bear Robotics	❌	✅	❌	❌	❌	$15,000 or $999/Mo
RichTech Robotics	❌	✅	❌	❌	❌	$18,000 + $300 Monthly SaaS Fee
Pudu Robotics	❌	✅	❌	❌	❌	$16,000
LG	❌	✅	❌	❌	❌	$20,000 or $899/Mo

LG and RichTech offer RaaS through 3rd party distributors and sellers

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Prototype Demo

View a demo here: [Youtube](#)

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Milestones

Today
- 3 pilot signups
- Validated features from 50+ restaurant owners
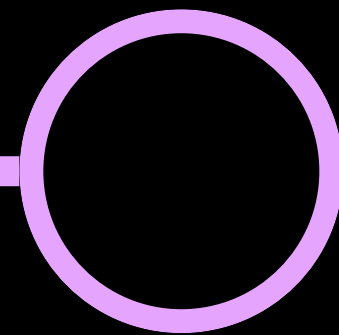- Built food ordering MVP

Aug 2025
- Secure 100 paid pilots
- Test MVP in live restaurants
- Deploy 5 robots

Jan 2026
- Develop cost-efficient PCBs
- Deploy 50-100 robots

May 2026
- Scale to 1,000+ robots ($5.5M+ ARR)
- Reduce costs & improve reliability
- Expand to hospitality, security, & industrial markets

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Our Team

For Inquiries, partnerships, investment opportunities, or further information, please feel free to reach out:

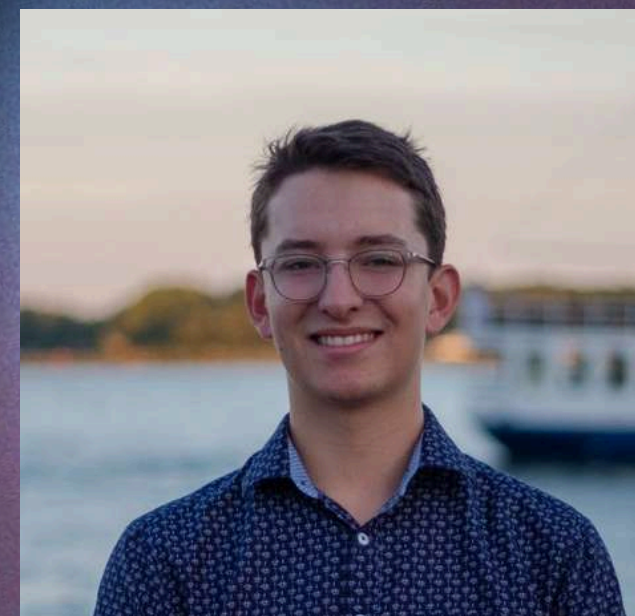✉ **team@3e8robotics.com**

🌐 **www.3e8robotics.com**

Ari Wasch
CTO, Co-Founder
LinkedIn

- Hardware & firmware background in robotics, automotive, and aerospace
- SpaceX, Rivian, iRobot, Relay Robotics

David Feldt
CEO, Co-Founder
LinkedIn

- Experience in embedded software for cameras and autonomous vehicle systems
- Indie Semiconductor, Blackberry QNX

Sajeel Purewal
COO, Co-Founder
LinkedIn

- 10+ years of experience operating family run restaurant & banquet centre
- Business Analyst at RBC Capital Markets, Finance at Unilever

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Raising $500K
To deploy our first fleet

Will be user for:
- Key engineering hires to accelerate development
- R&D & manufacturing for 10+ pilot-ready robots
- Optimize hardware costs & secure supply chain